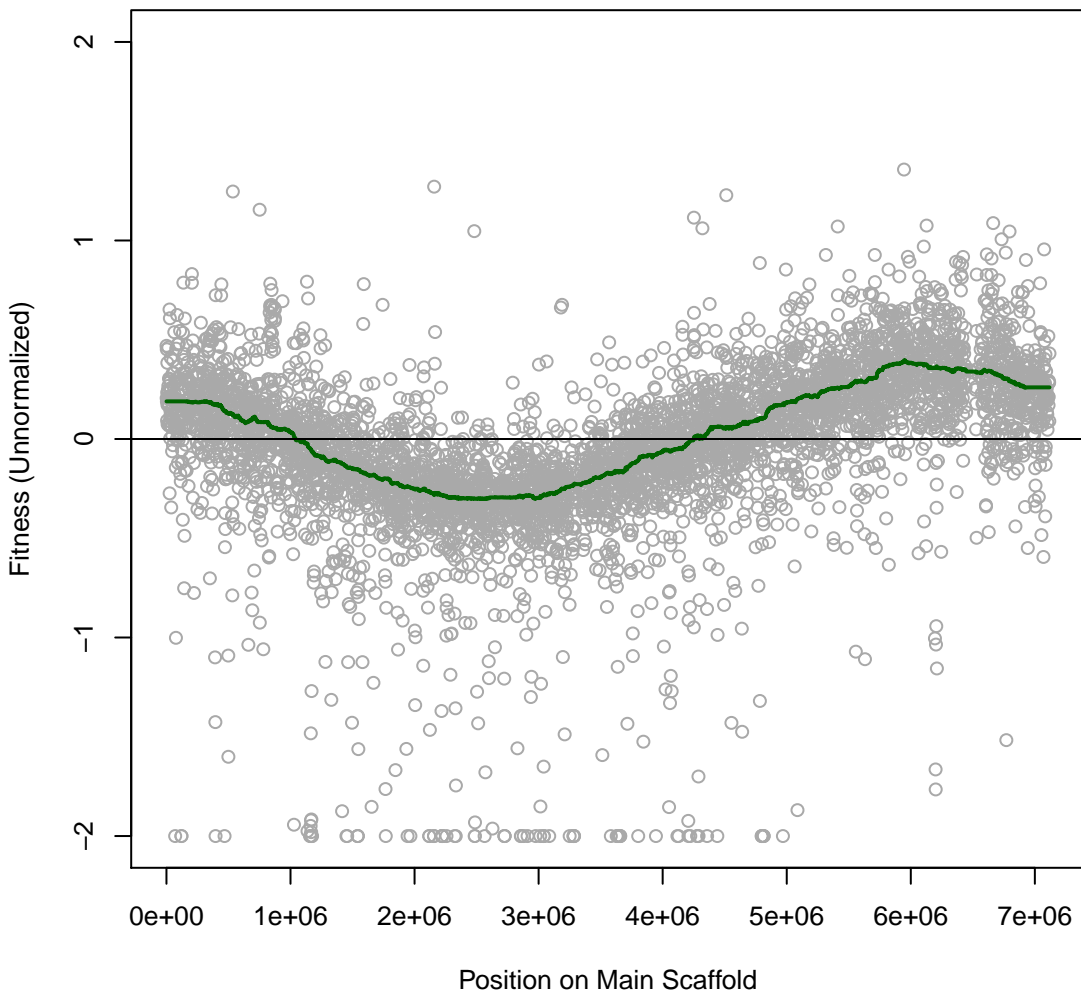
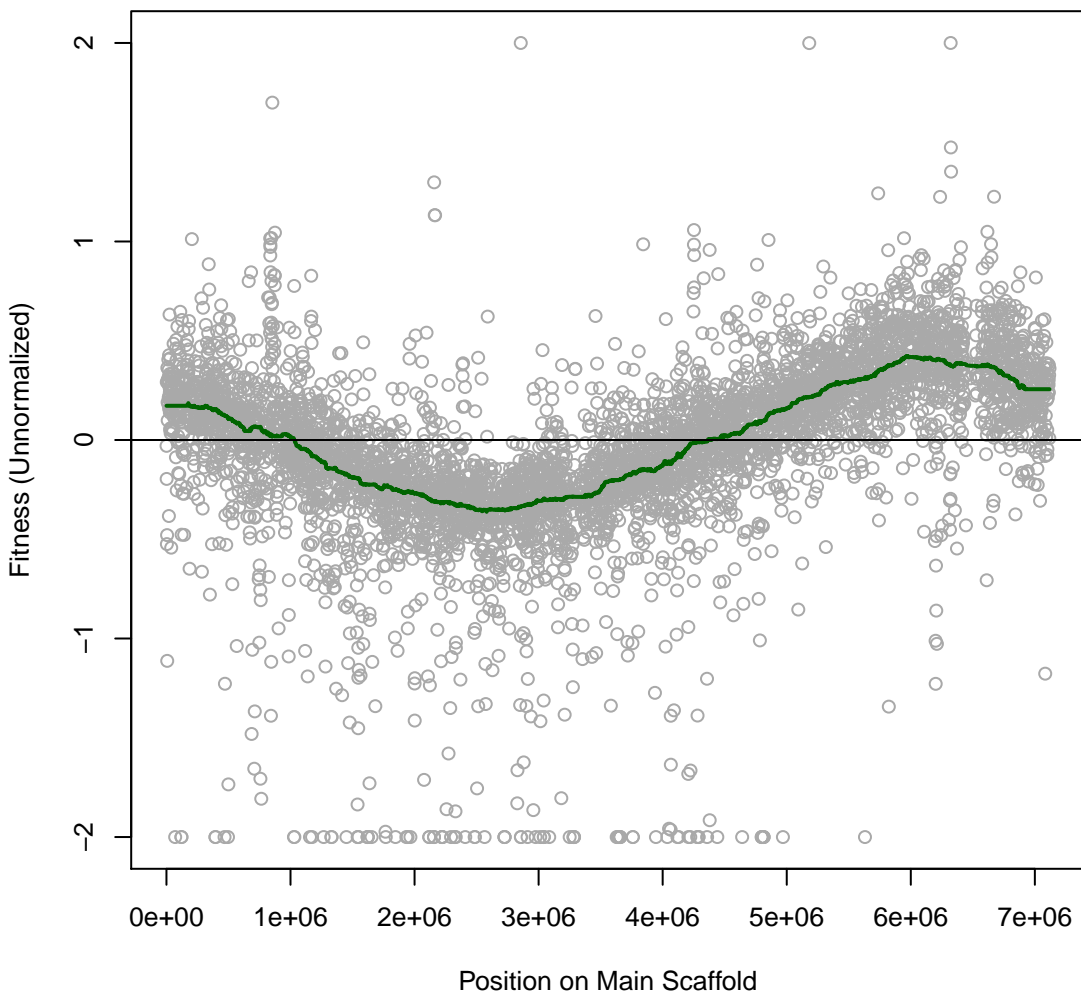


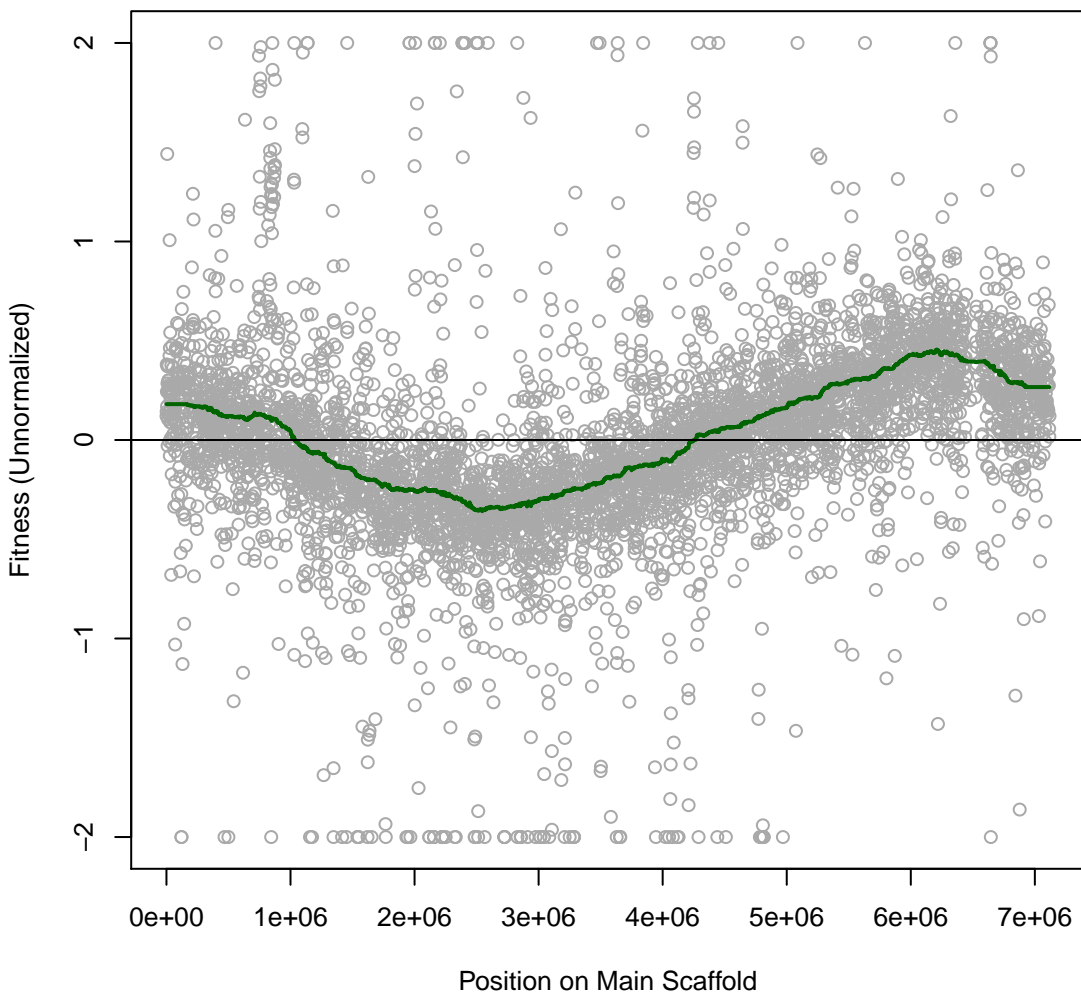
**pseudo5\_N2C3\_1 1IT001 #1 (gMed=137 rho12=0.145)**  
**D-Glucose (C)**



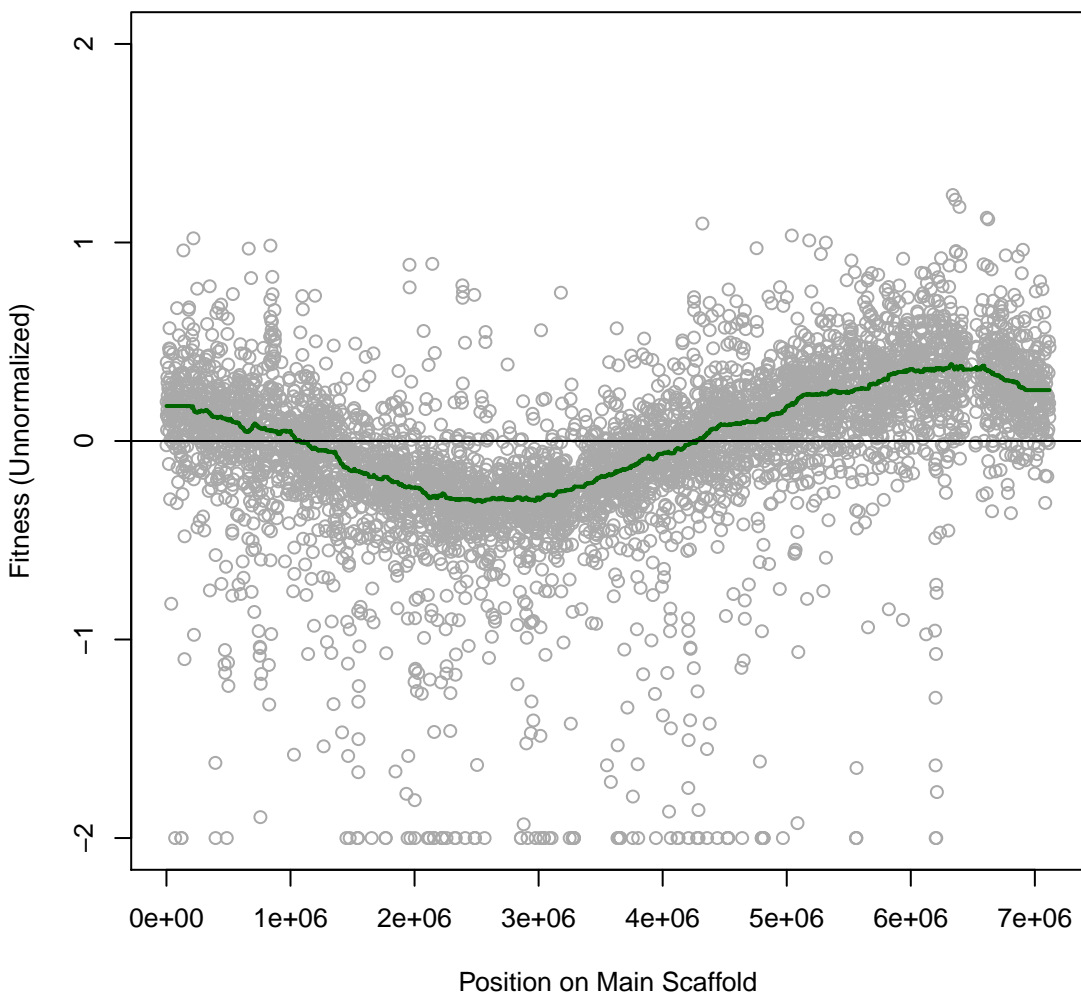
**pseudo5\_N2C3\_1 1IT002 #2 (gMed=171 rho12=0.236)**  
**D-Fructose (C)**



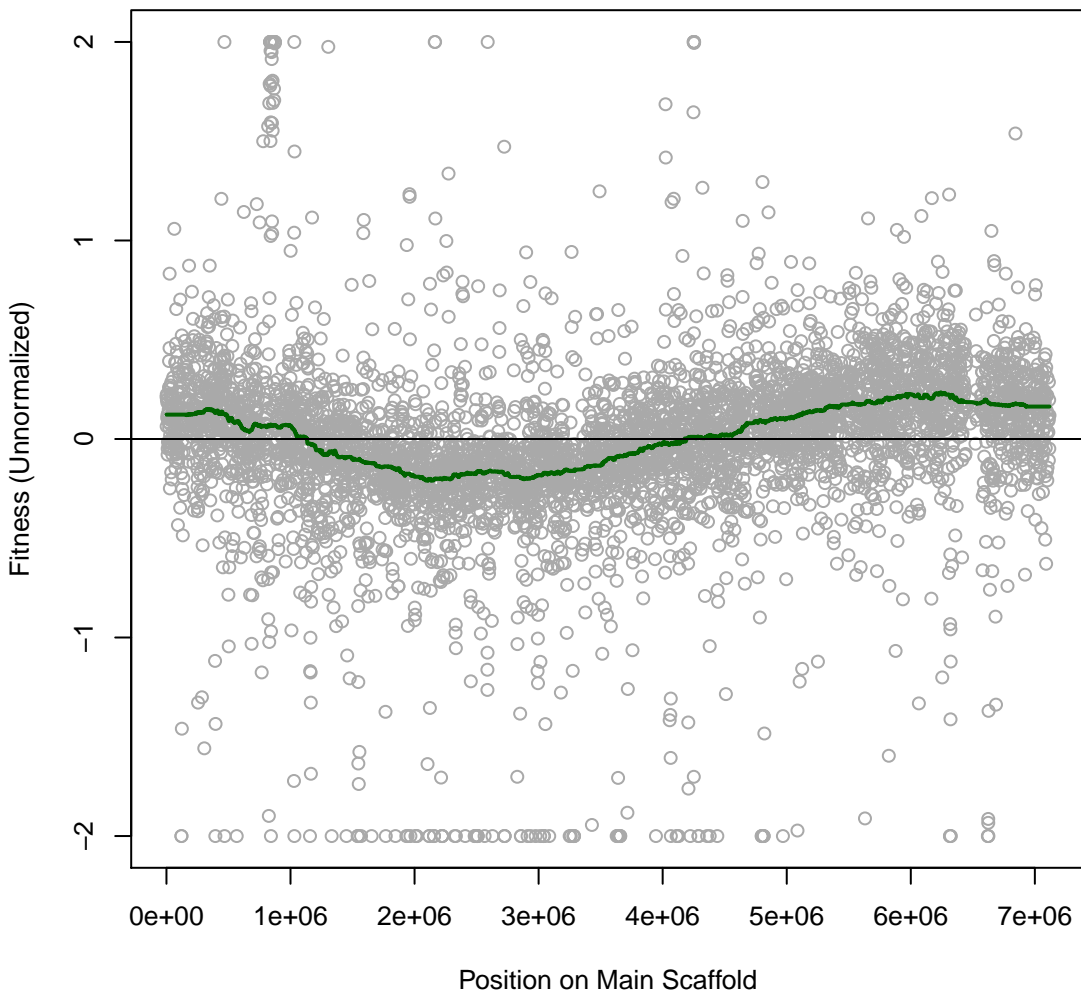
**pseudo5\_N2C3\_1 1IT003 #3 (gMed=134 rho12=0.237)**  
**Sucrose (C)**



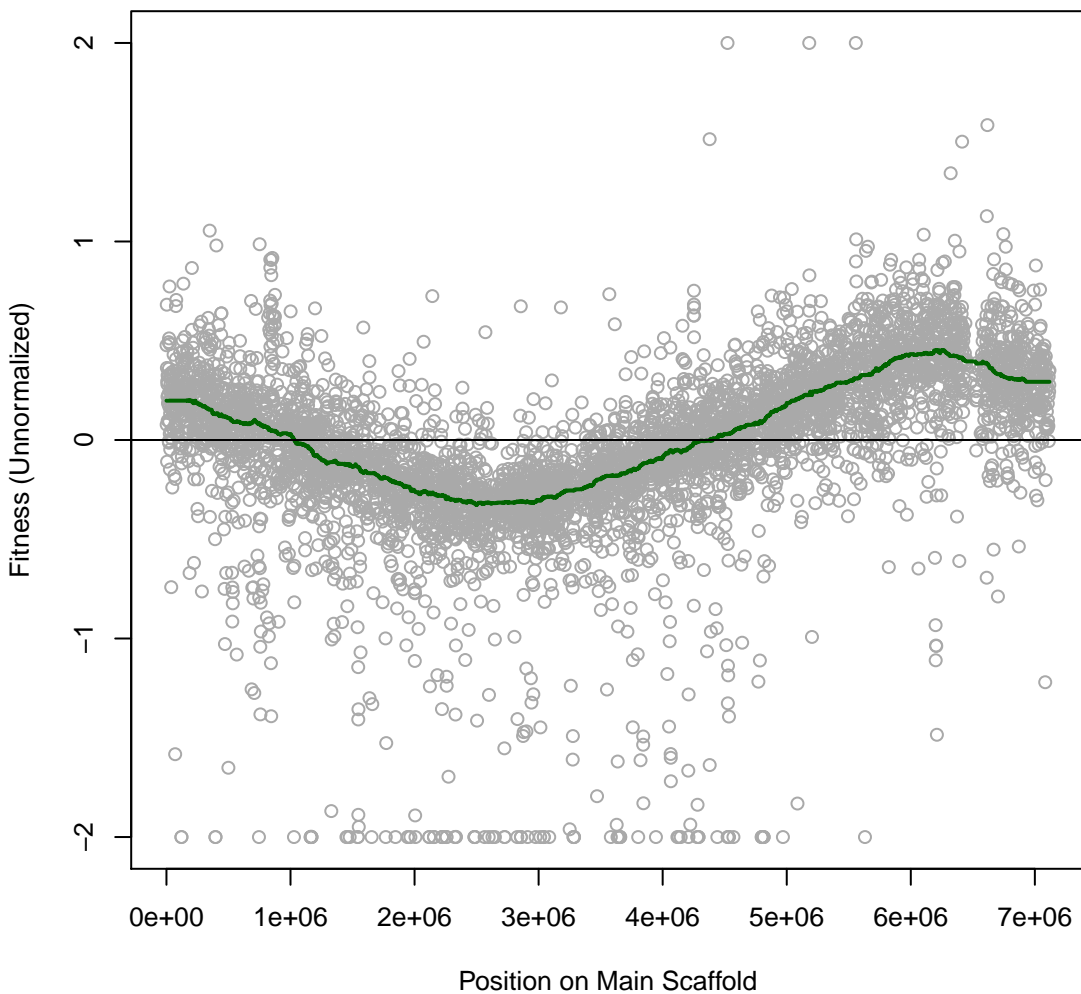
**pseudo5\_N2C3\_1 1IT004 #4 (gMed=149 rho12=0.210)**  
**L-Arabinose (C)**



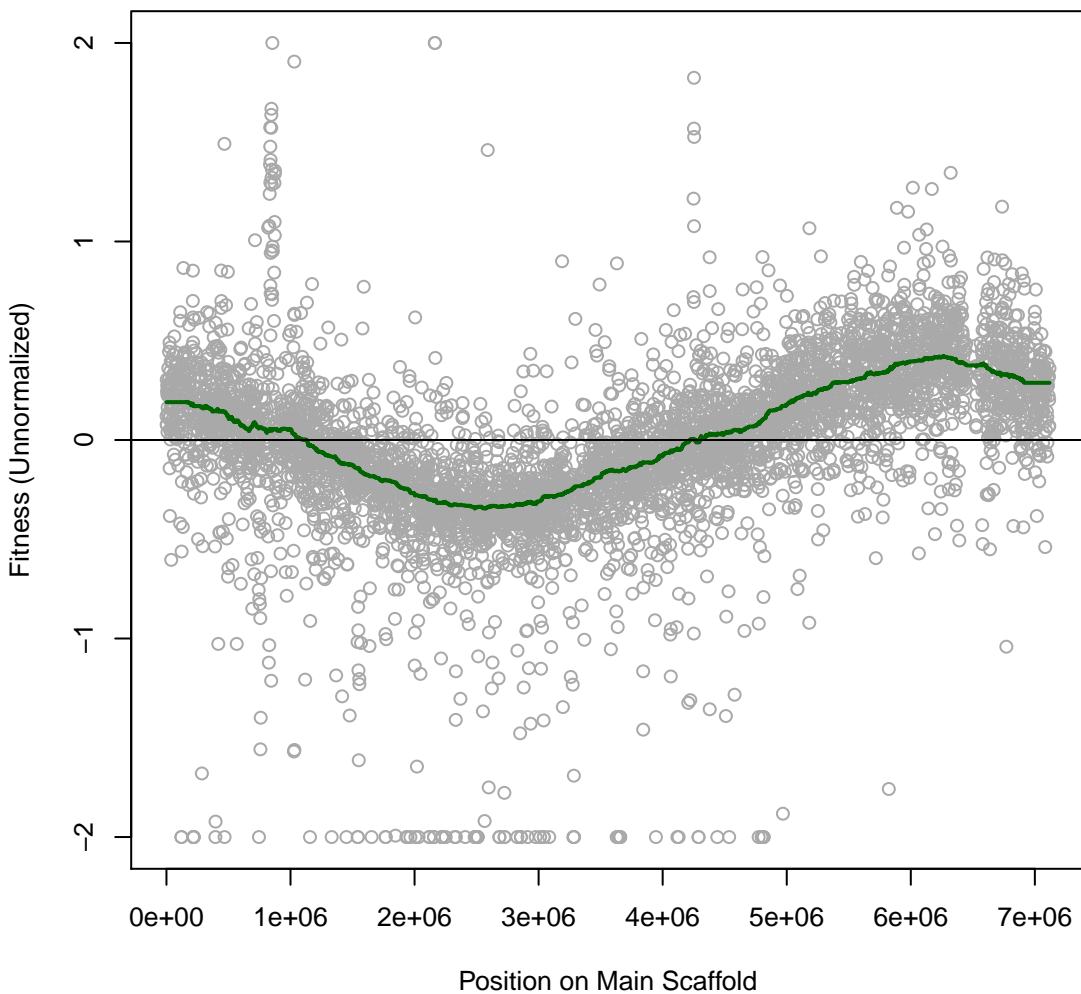
**pseudo5\_N2C3\_1 1IT005 #5 (gMed=140 rho12=0.275)**  
**D-Xylose (C)**



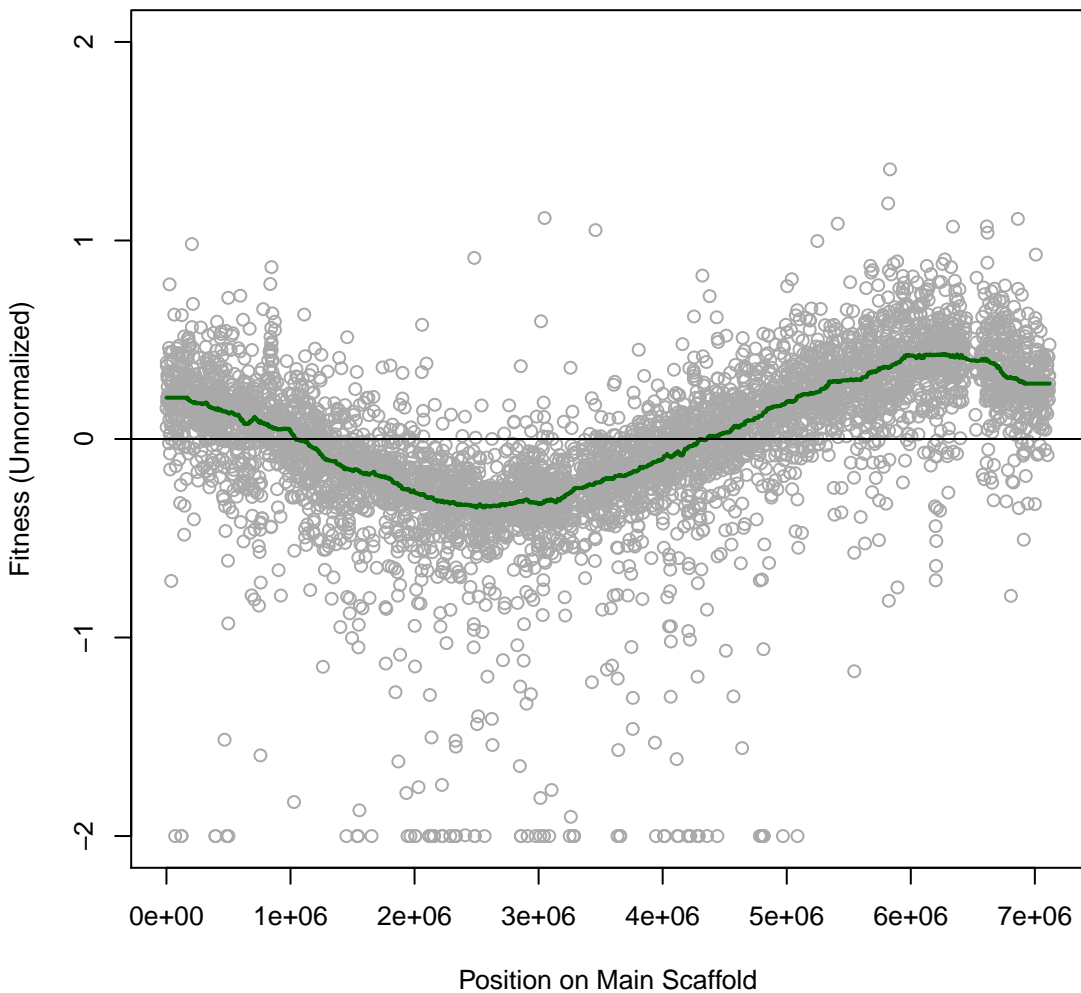
**pseudo5\_N2C3\_1 1IT006 #6 (gMed=173 rho12=0.192)**  
**D-Galactose (C)**



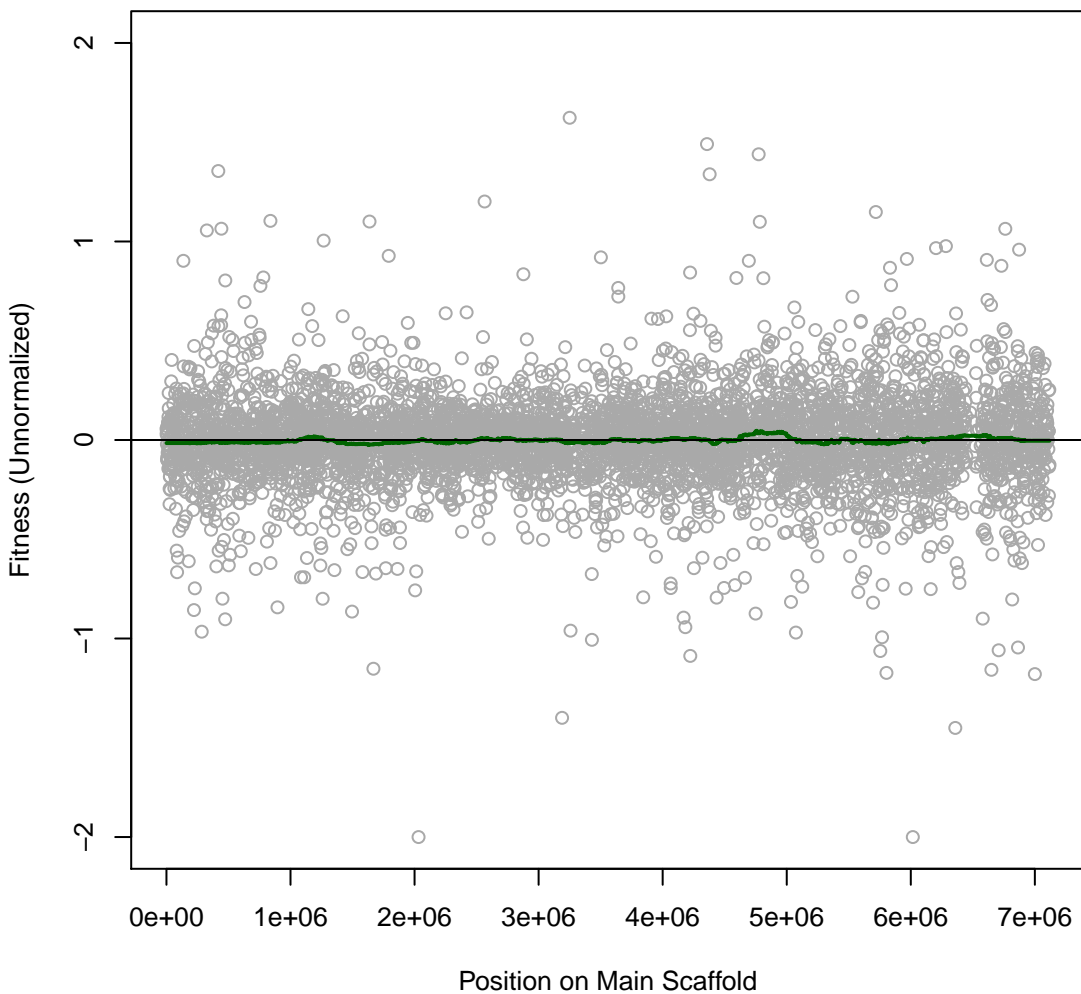
**pseudo5\_N2C3\_1 1IT007 #7 (gMed=168 rho12=0.178)**  
**D-Ribose (C)**



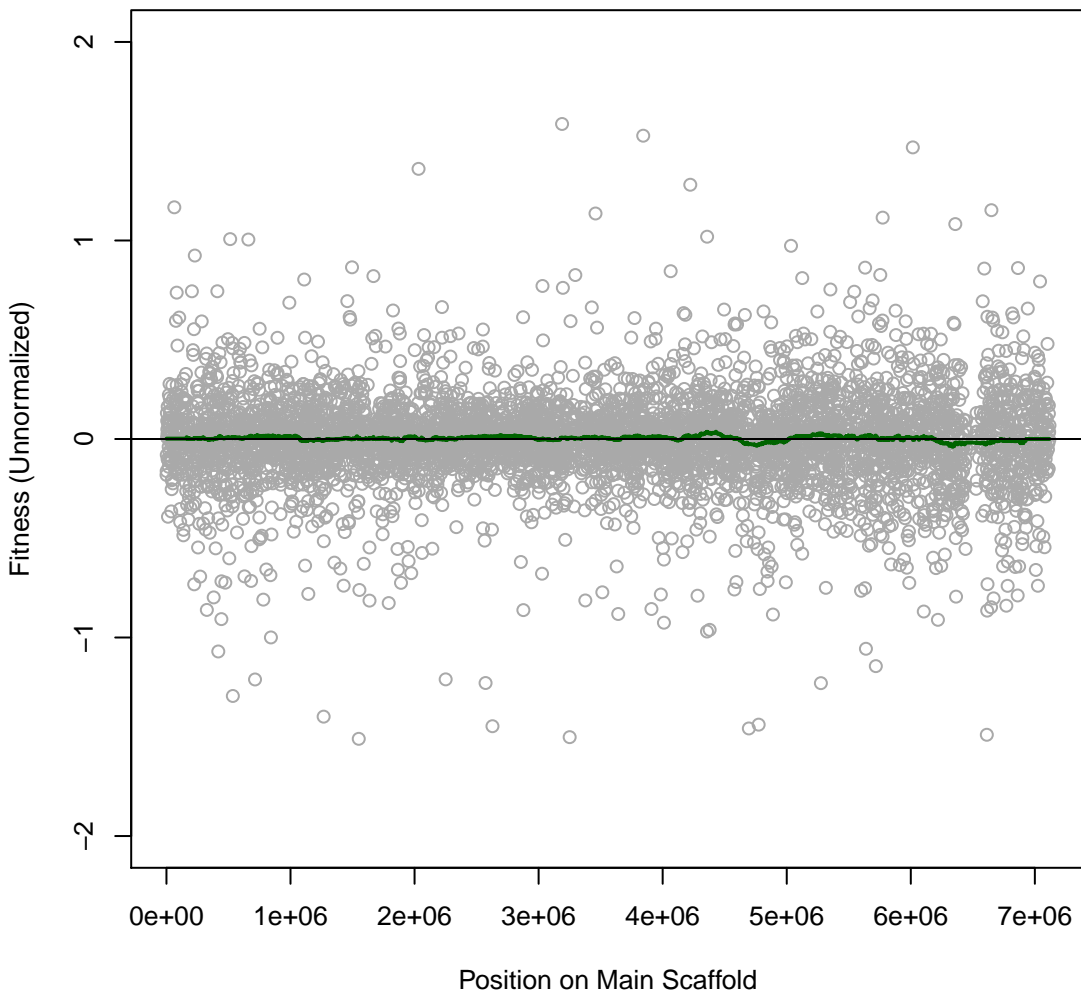
**pseudo5\_N2C3\_1 1IT008 #8 (gMed=198 rho12=0.128)**  
 **$\alpha$ -Ketoglutaric (C)**



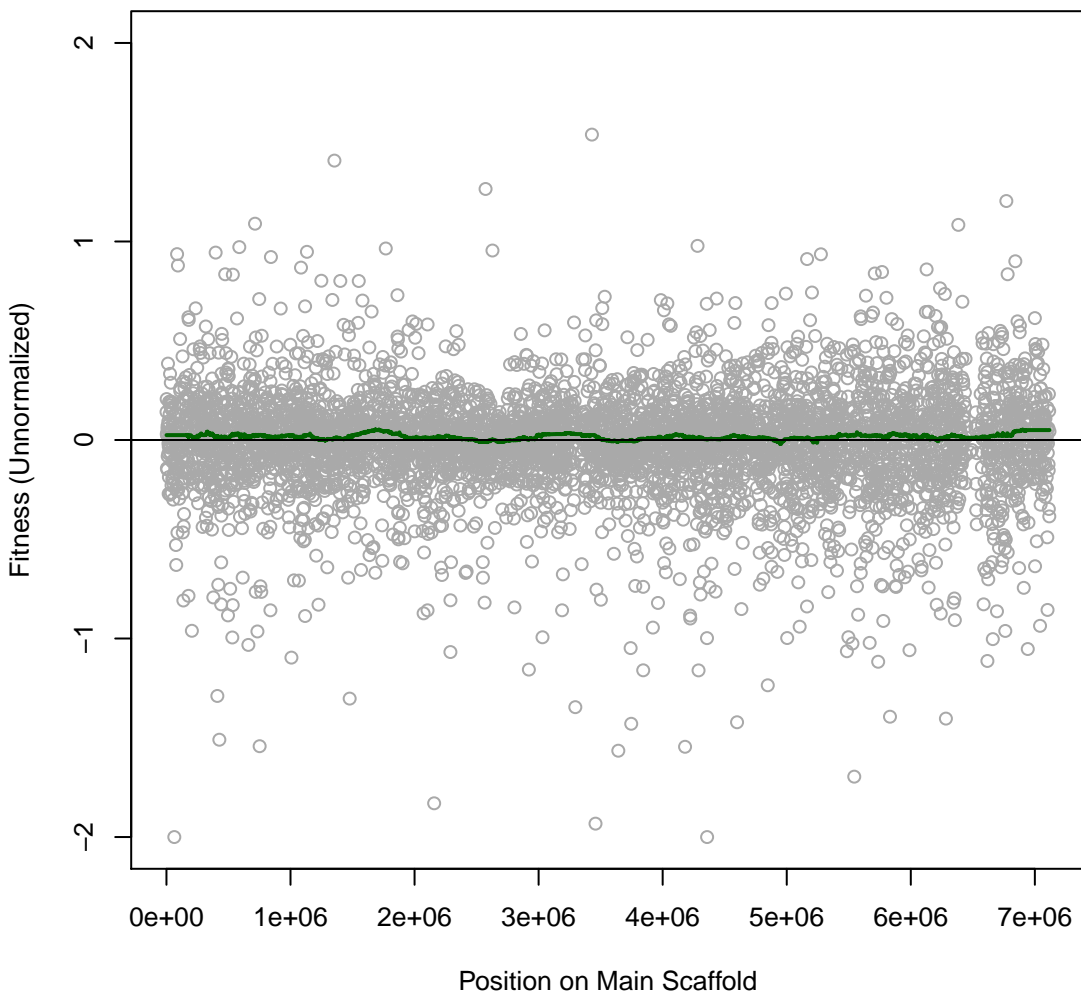
**pseudo5\_N2C3\_1 1IT009 #9 (gMed=148 rho12=0.001)**  
**Time0**



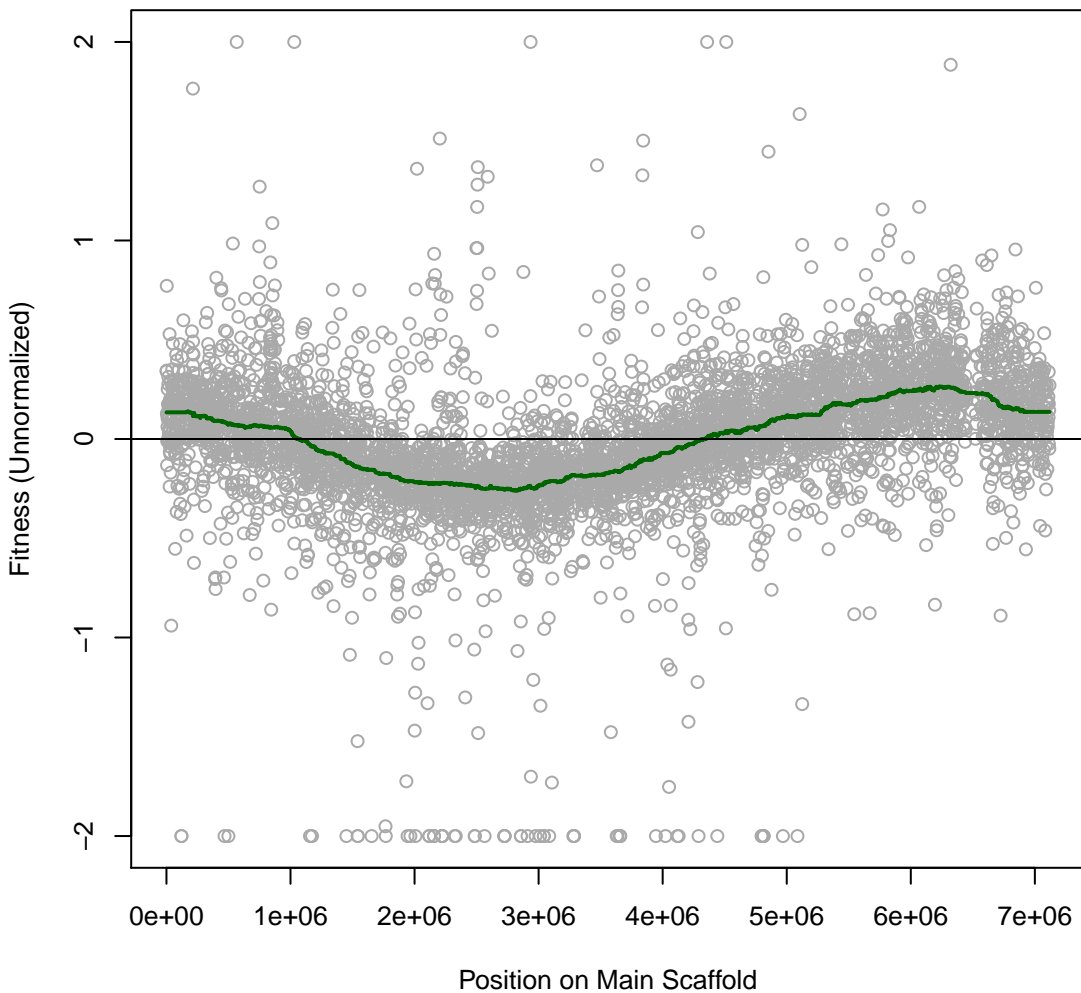
**pseudo5\_N2C3\_1 1IT010 #10 (gMed=168 rho12=0.000)**  
**Time0**



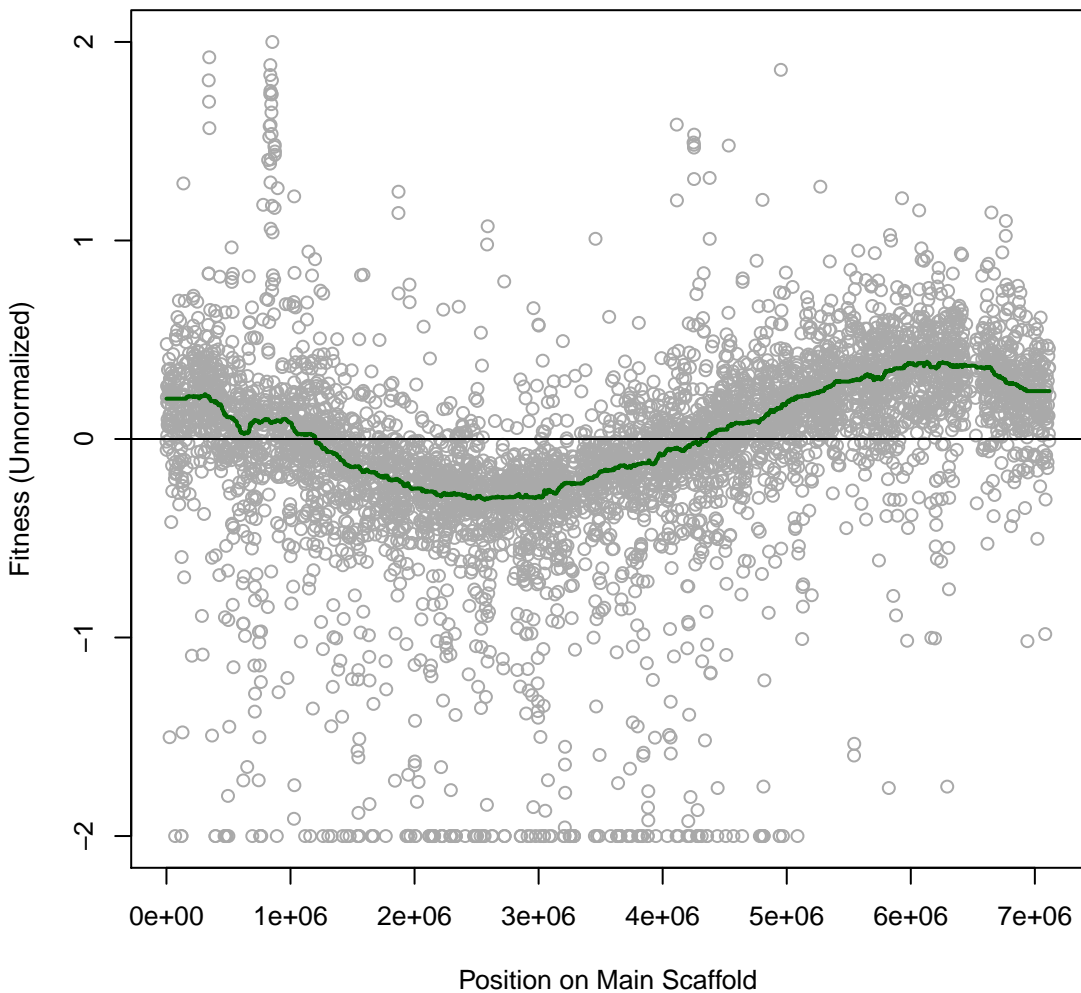
**pseudo5\_N2C3\_1 1IT011 #11 (gMed=91 rho12=0.011)**  
**Time0**



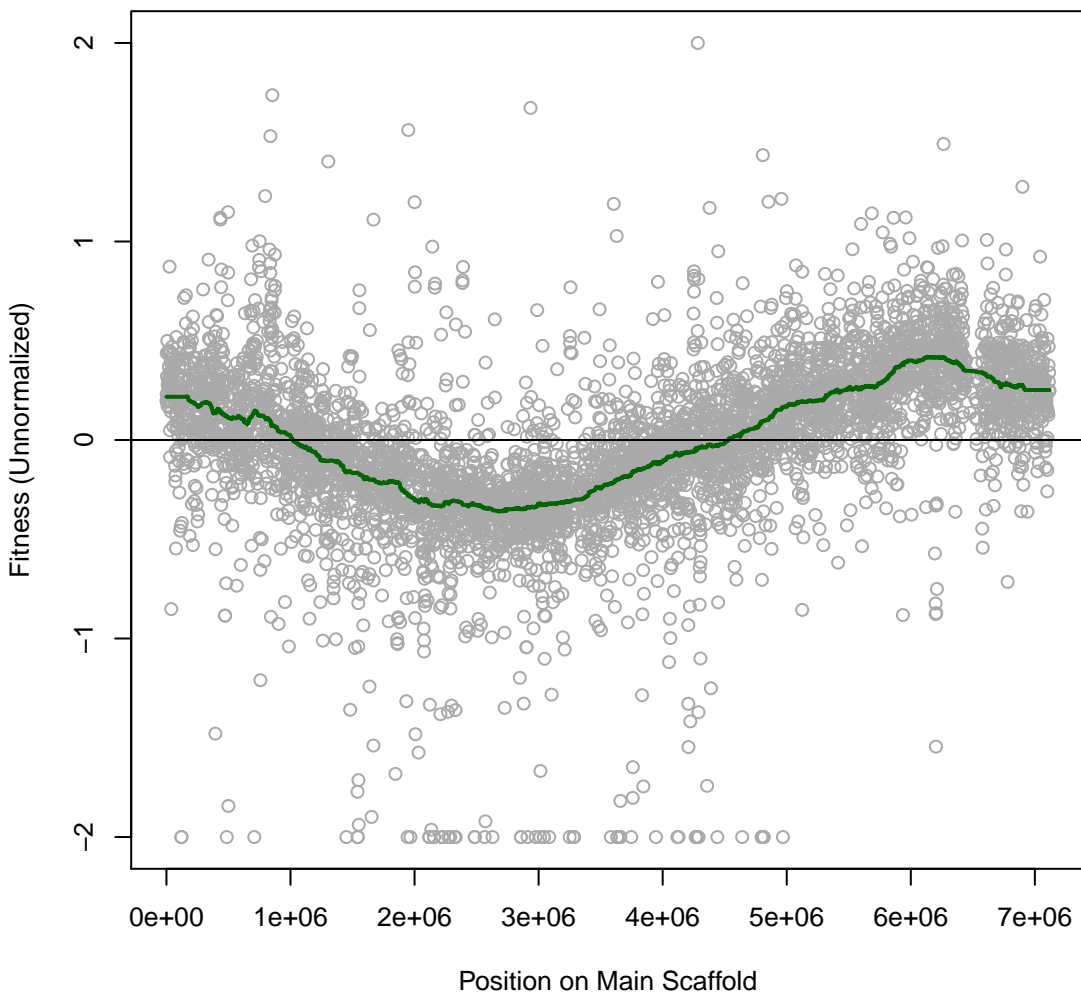
**pseudo5\_N2C3\_1 1IT012 #12 (gMed=181 rho12=0.172)**  
**D-Gluconic Acid (C)**



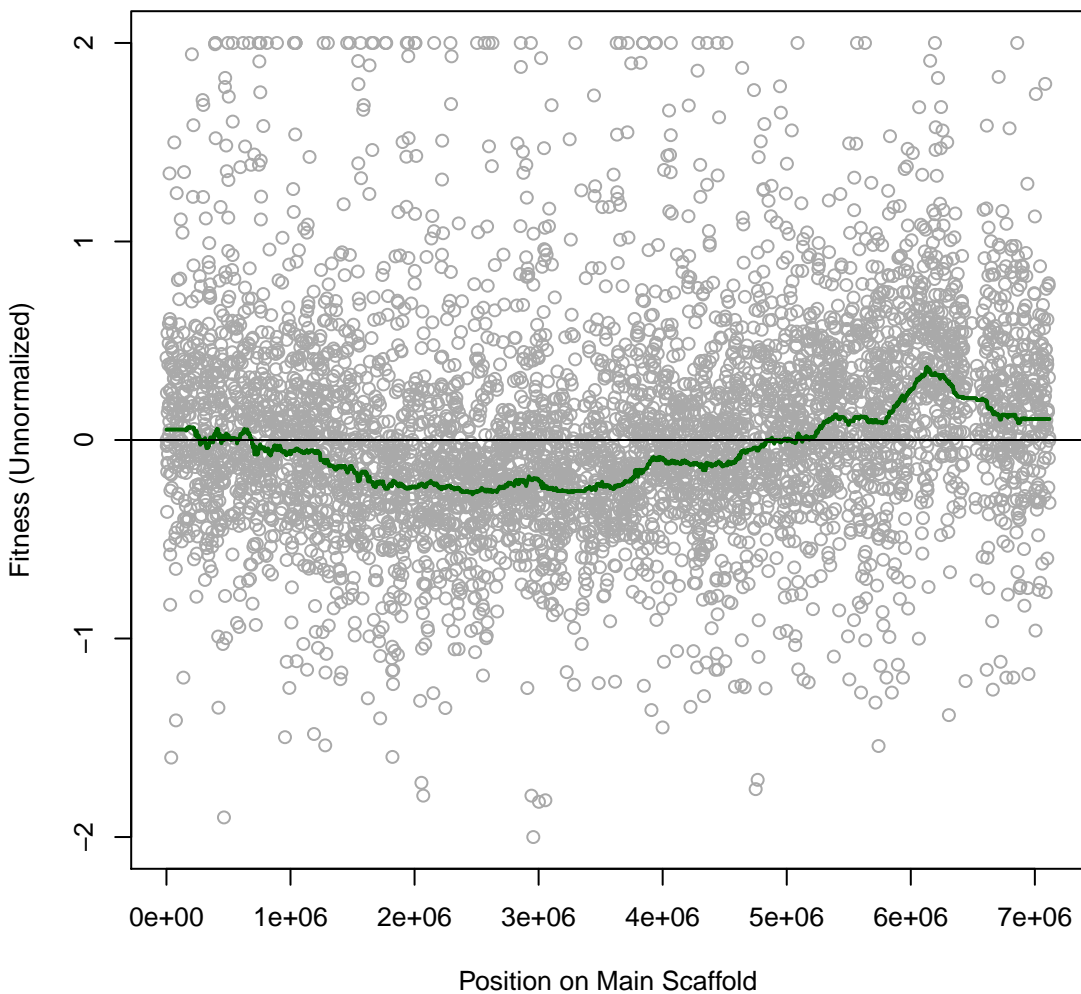
**pseudo5\_N2C3\_1 1IT013 #13 (gMed=187 rho12=0.381)**  
**acetate (C)**



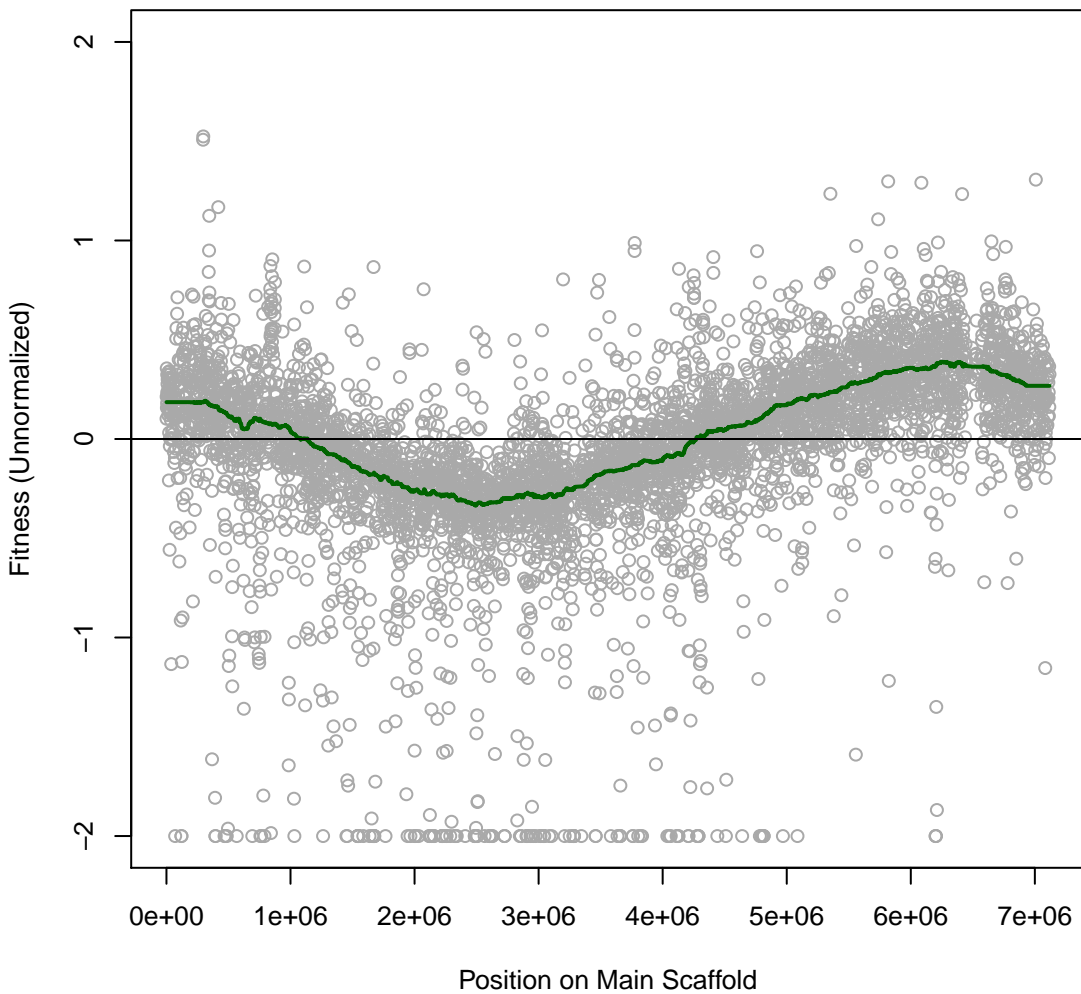
**pseudo5\_N2C3\_1 1IT014 #14 (gMed=171 rho12=0.251)**  
**Fumarate (C)**



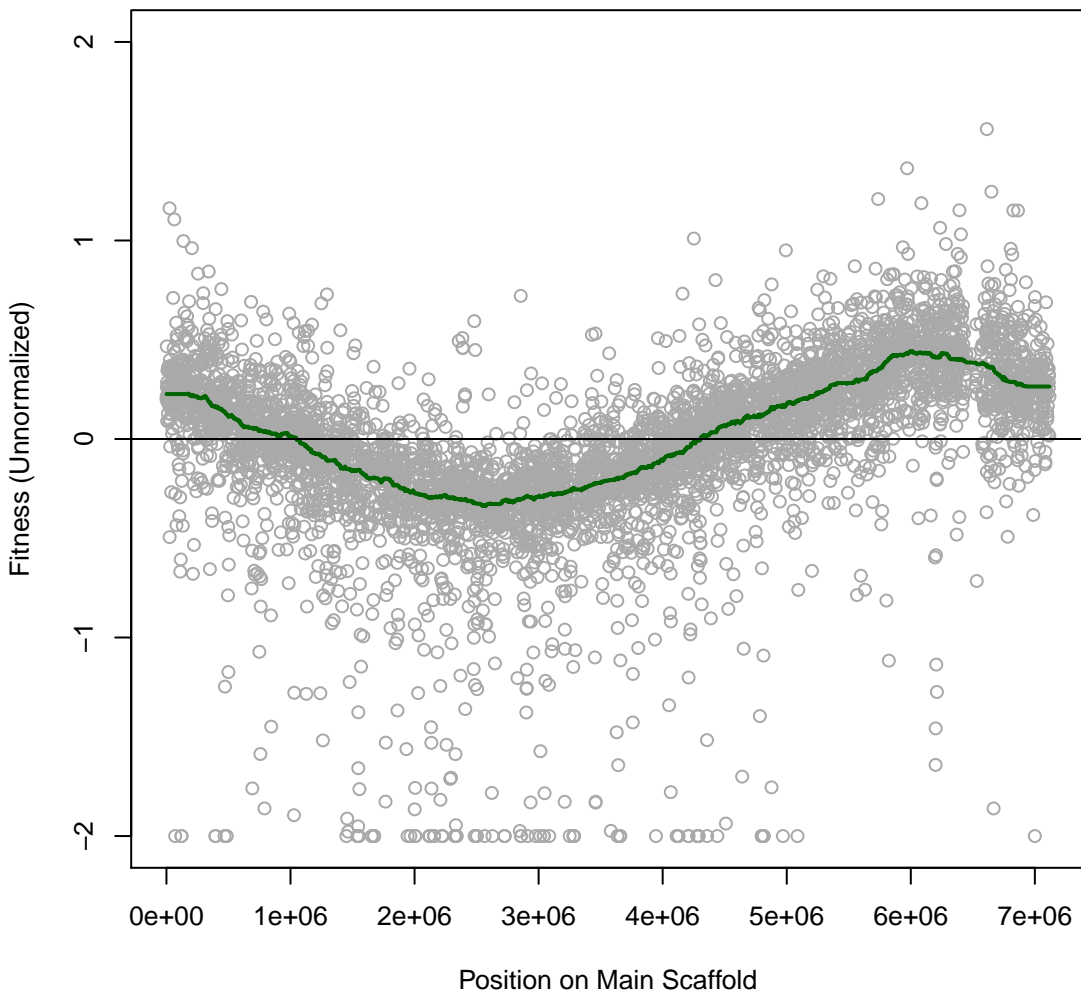
**pseudo5\_N2C3\_1 1IT015 #15 (gMed=4 rho12=0.099)**  
**Trisodium citrate (C)**



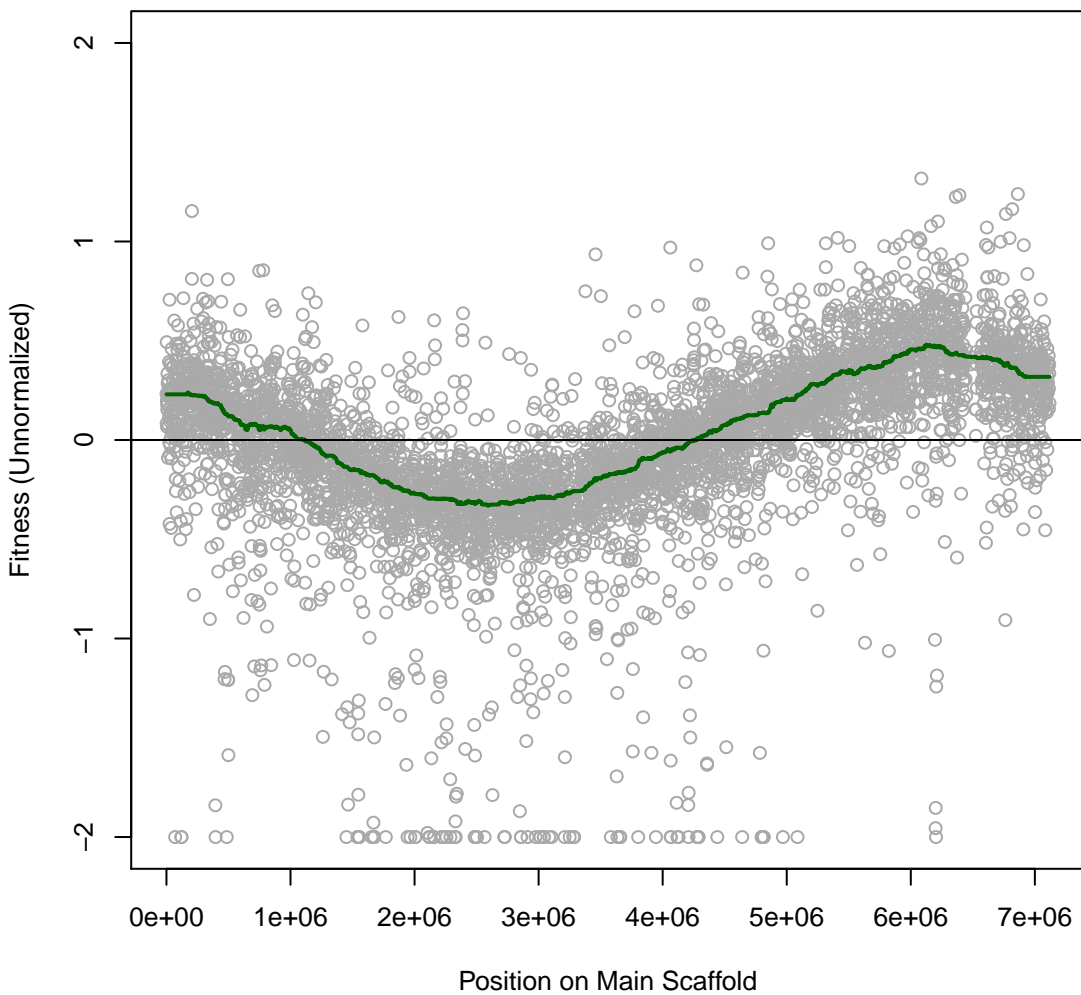
**pseudo5\_N2C3\_1 1IT016 #16 (gMed=166 rho12=0.295)**  
**D-Lactate (C)**



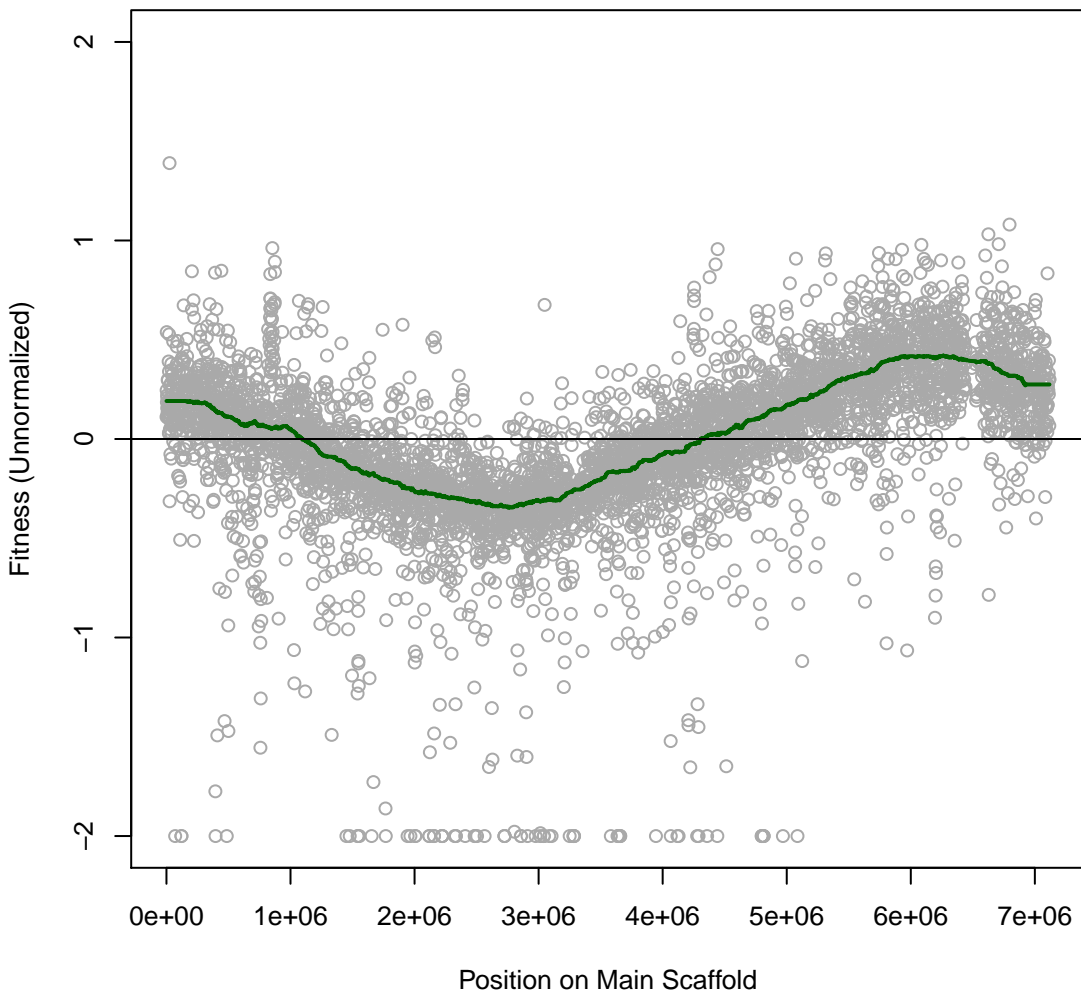
**pseudo5\_N2C3\_1 1IT017 #17 (gMed=140 rho12=0.160)**  
**L-Lactate (C)**



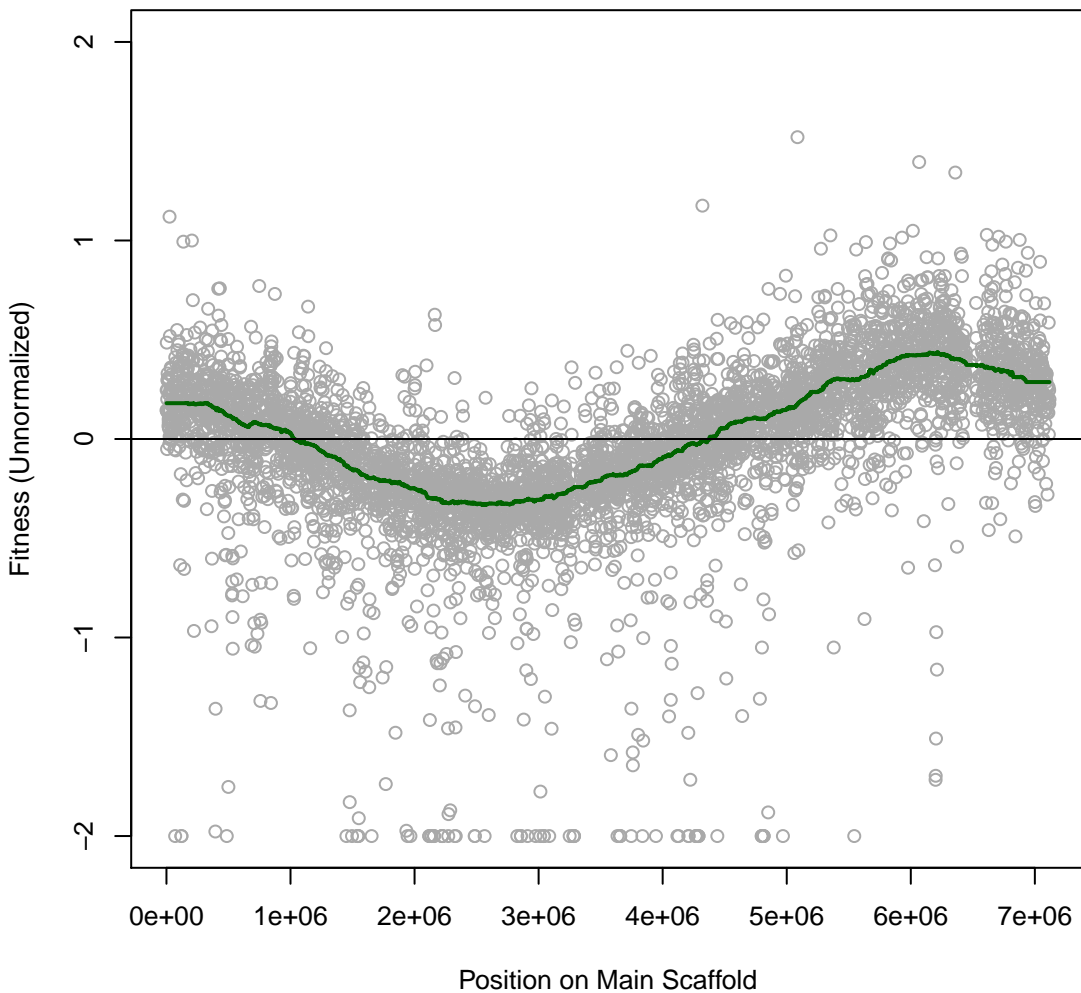
**pseudo5\_N2C3\_1 1IT018 #18 (gMed=125 rho12=0.181)**  
**D,L-Lactate (C)**



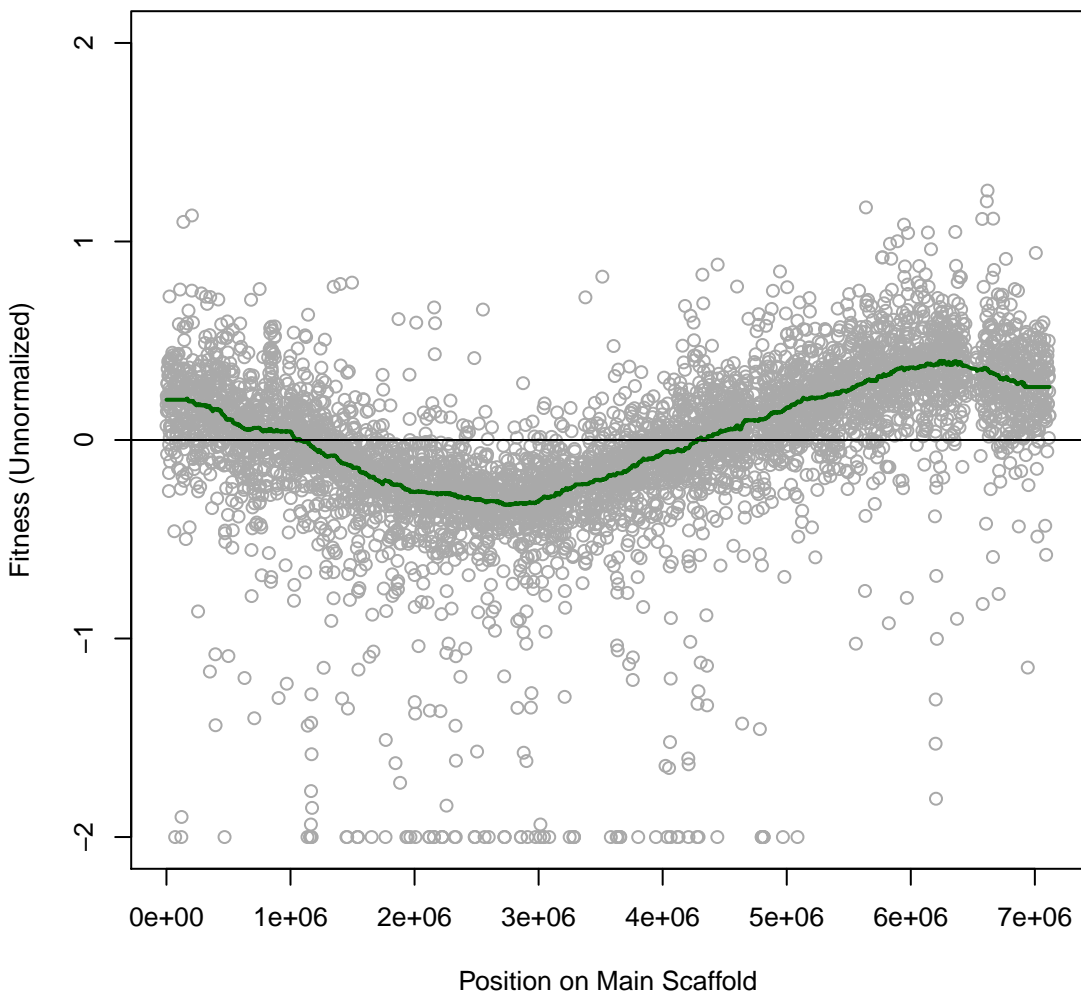
**pseudo5\_N2C3\_1 1IT019 #19 (gMed=151 rho12=0.163)**  
**pyruvate (C)**



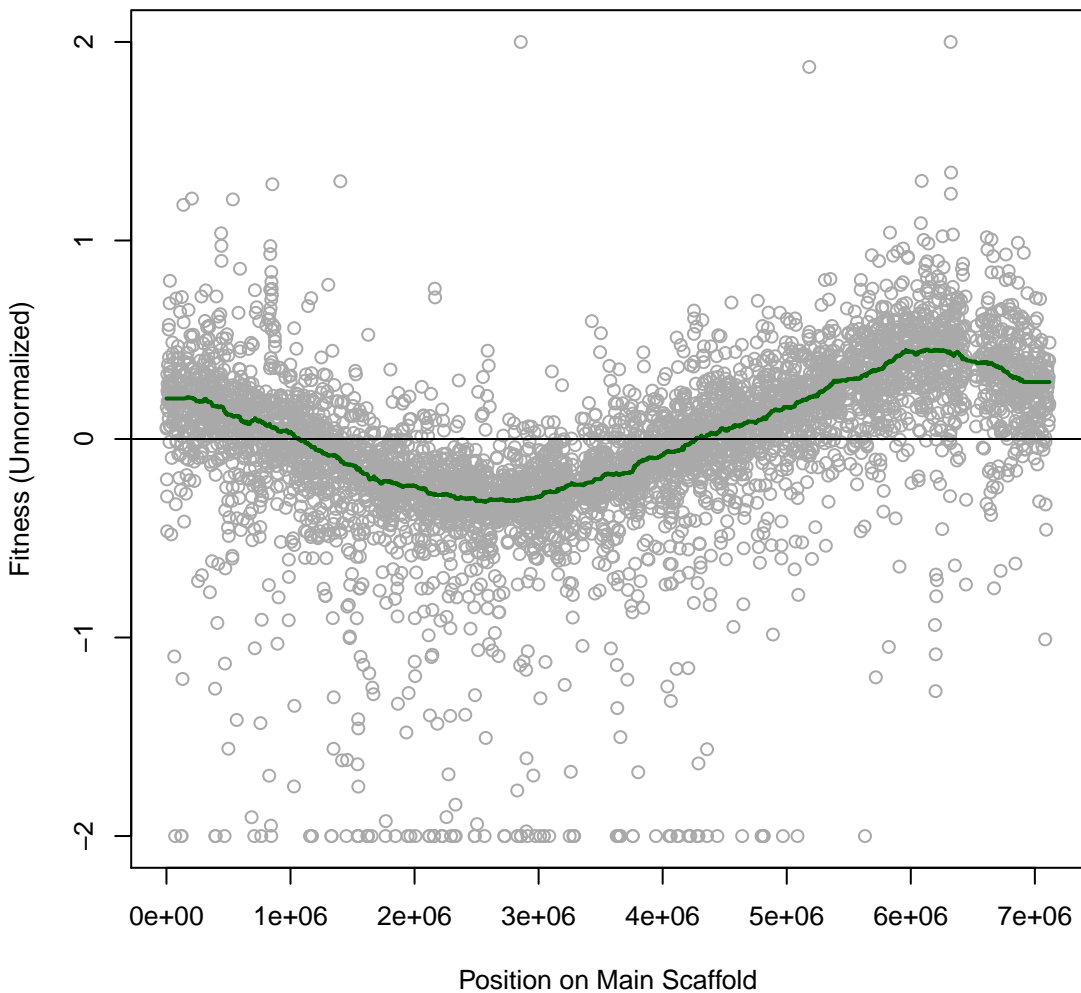
**pseudo5\_N2C3\_1 1IT020 #20 (gMed=165 rho12=0.153)**  
**succinate (C)**



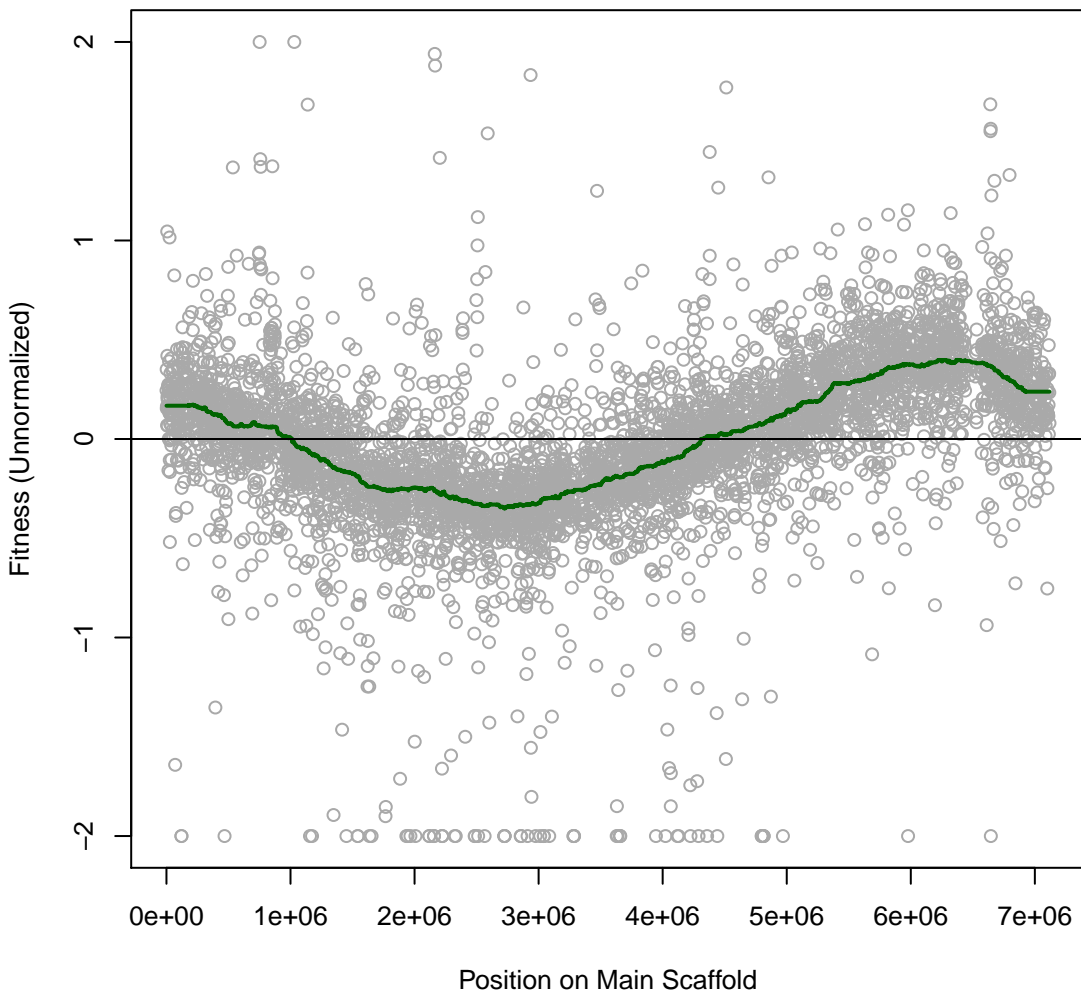
**pseudo5\_N2C3\_1 1IT021 #21 (gMed=148 rho12=0.147)**  
**D-Glucose (C)**



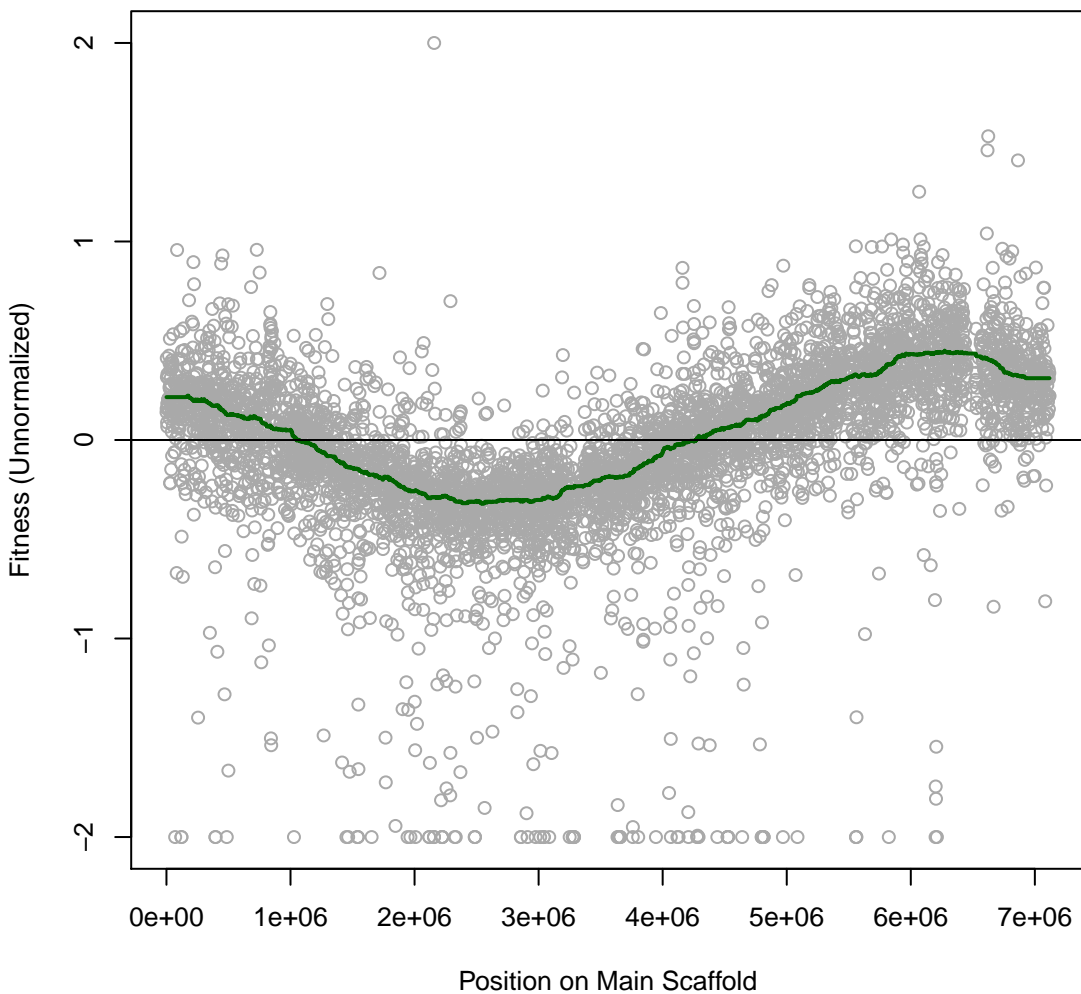
**pseudo5\_N2C3\_1 1IT022 #22 (gMed=153 rho12=0.217)**  
**D-Fructose (C)**



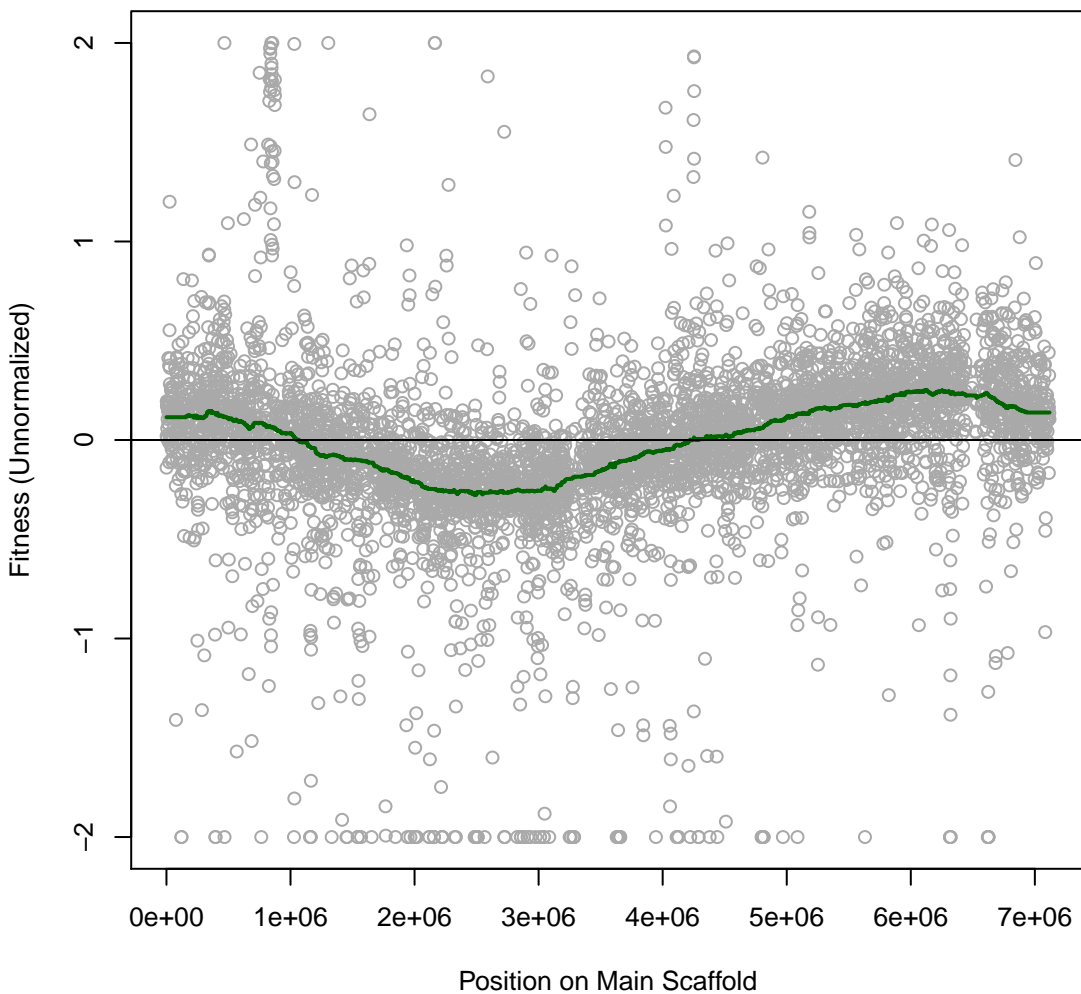
**pseudo5\_N2C3\_1 1IT023 #23 (gMed=137 rho12=0.194)**  
**Sucrose (C)**



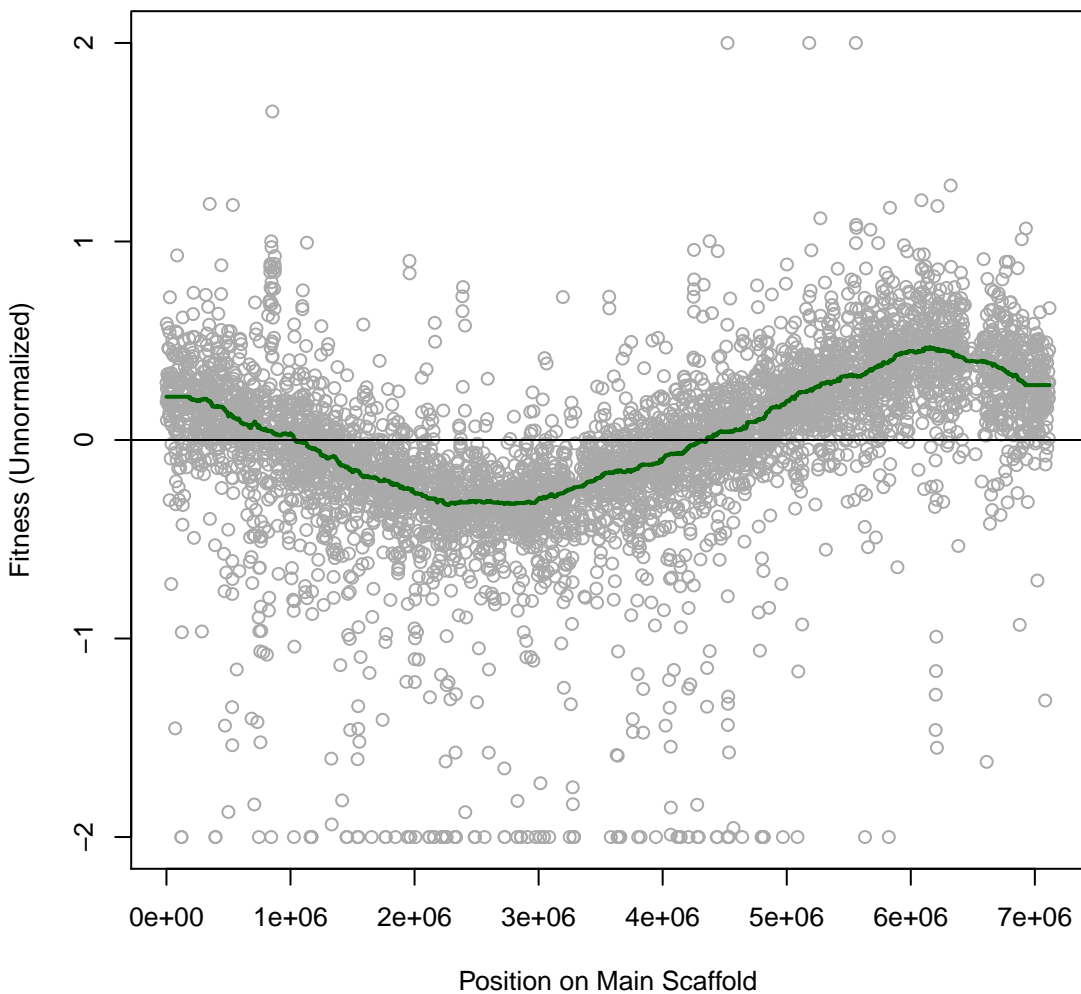
**pseudo5\_N2C3\_1 1IT024 #24 (gMed=147 rho12=0.171)**  
**L-Arabinose (C)**



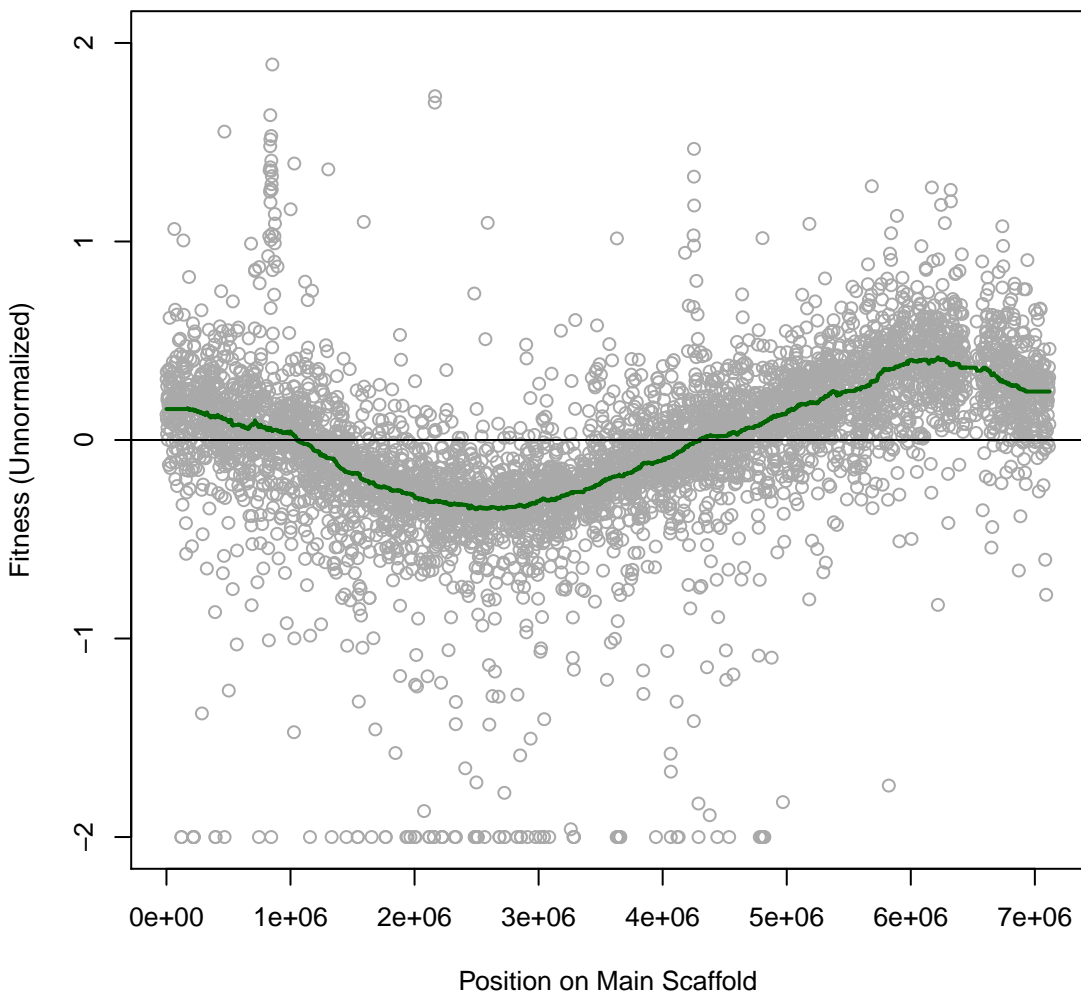
**pseudo5\_N2C3\_1 1IT025 #25 (gMed=161 rho12=0.267)**  
**D-Xylose (C)**



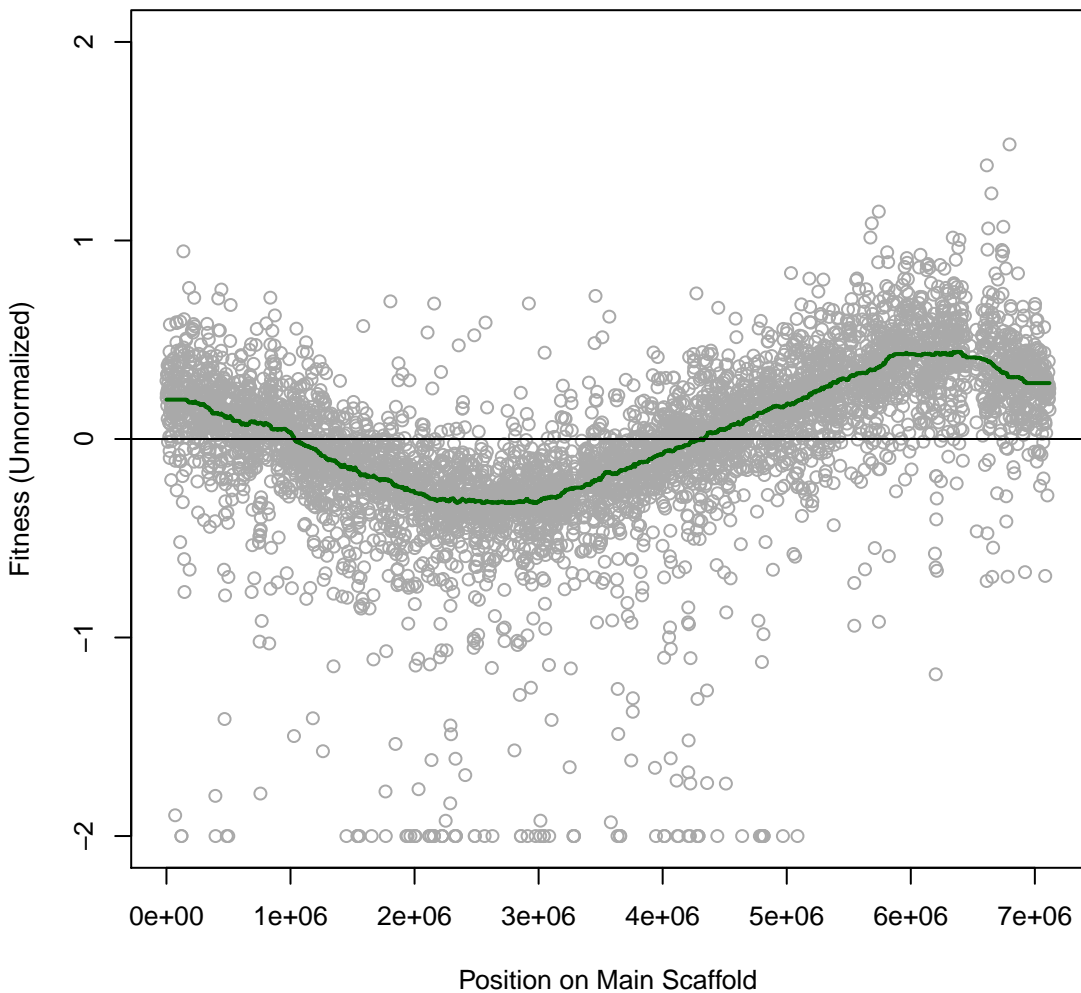
**pseudo5\_N2C3\_1 1IT026 #26 (gMed=154 rho12=0.257)**  
**D-Galactose (C)**



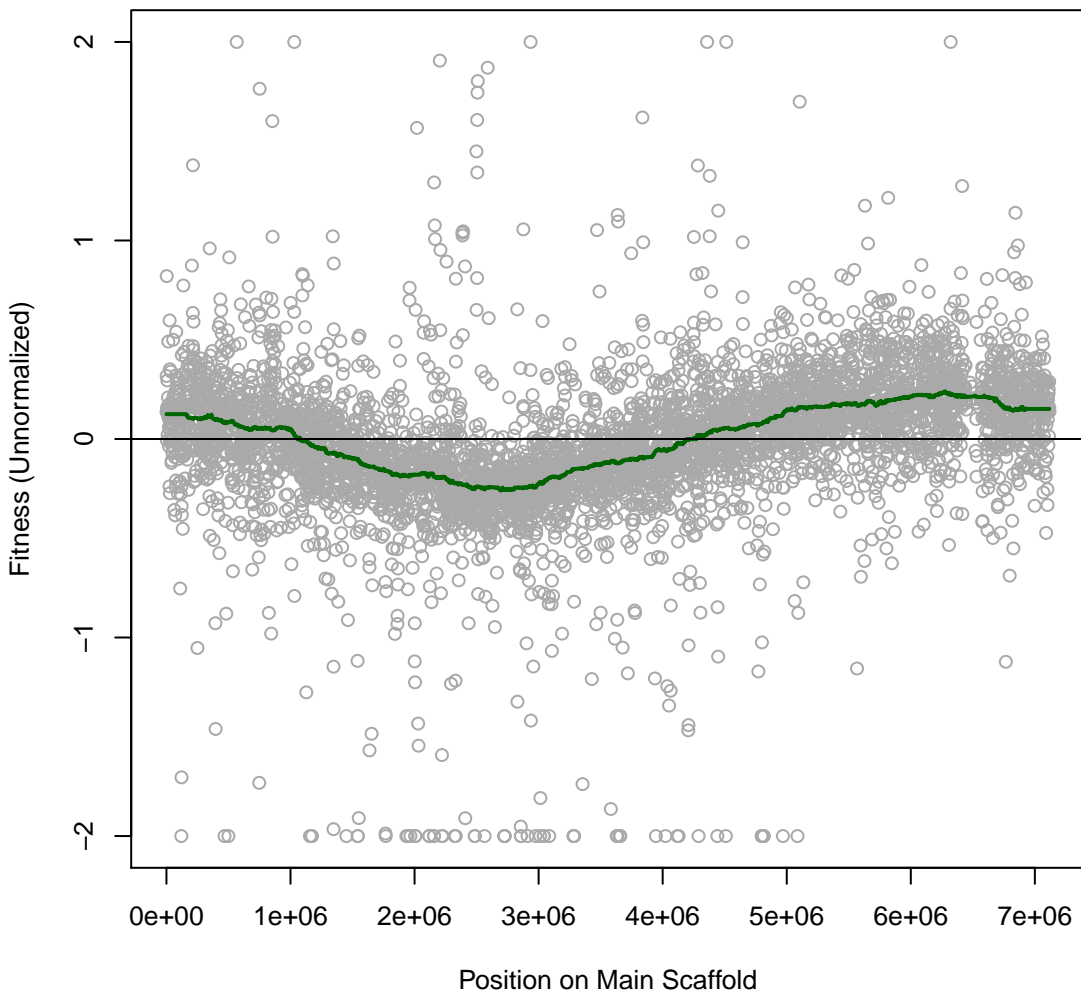
**pseudo5\_N2C3\_1 1IT027 #27 (gMed=162 rho12=0.193)**  
**D-Ribose (C)**



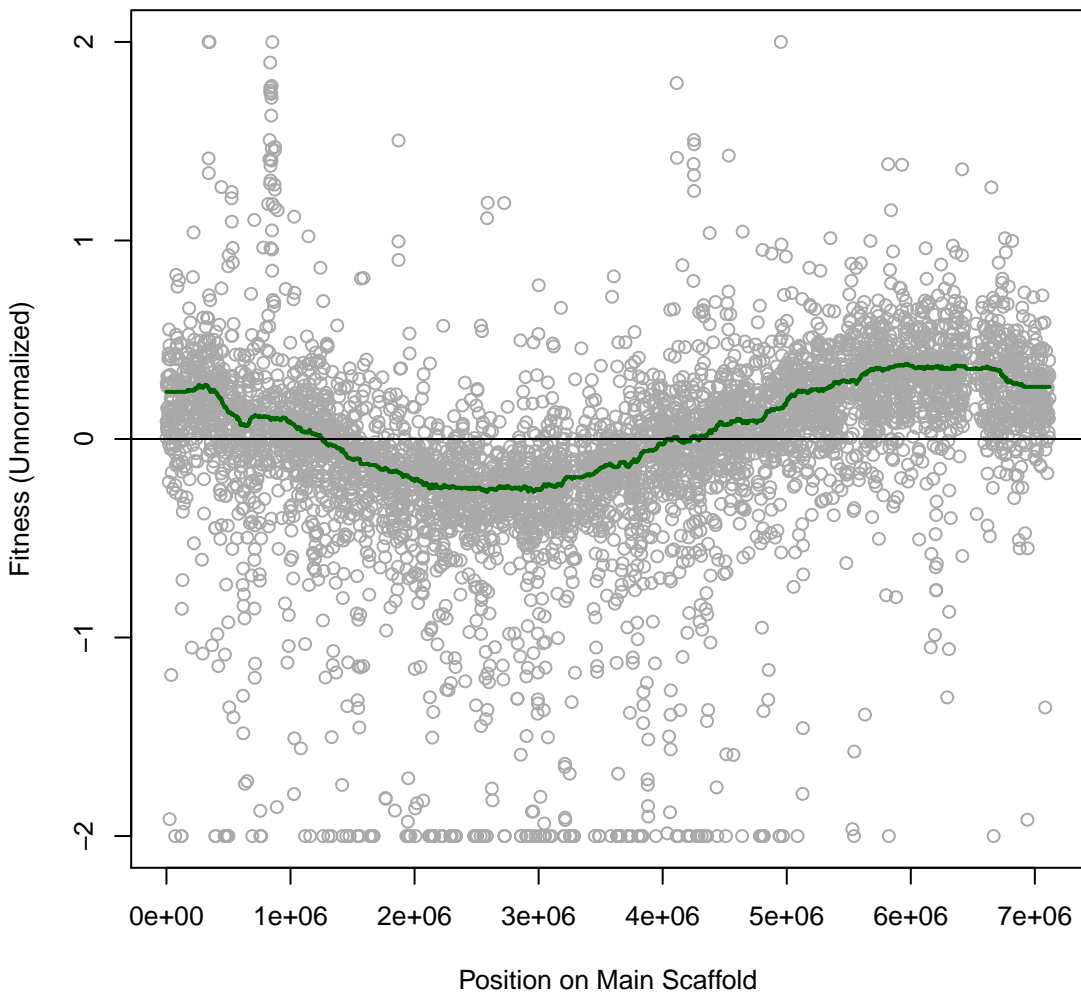
**pseudo5\_N2C3\_1 1IT028 #28 (gMed=136 rho12=0.147)**  
 **$\alpha$ -Ketoglutaric (C)**



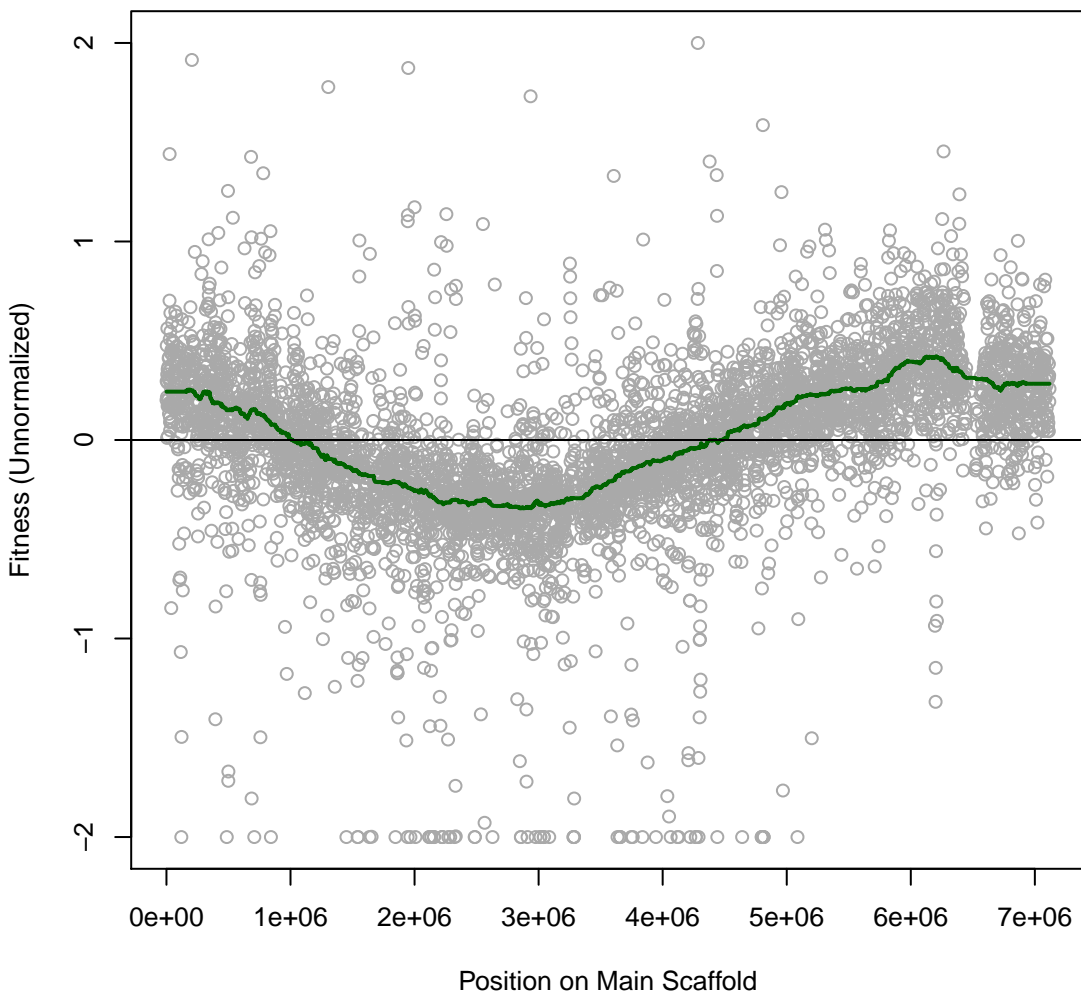
**pseudo5\_N2C3\_1 1IT029 #29 (gMed=166 rho12=0.199)**  
**D-Gluconic Acid (C)**



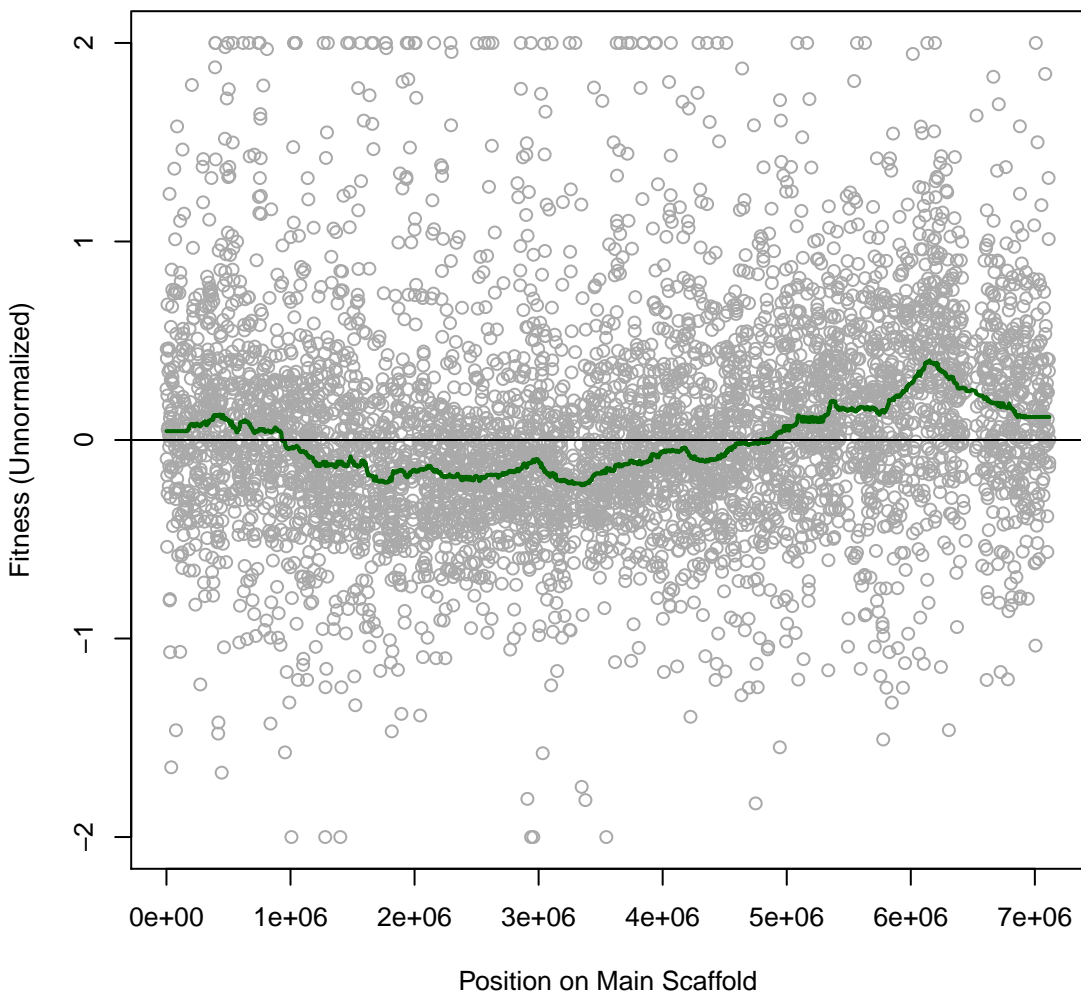
**pseudo5\_N2C3\_1 1IT030 #30 (gMed=137 rho12=0.370)**  
**acetate (C)**



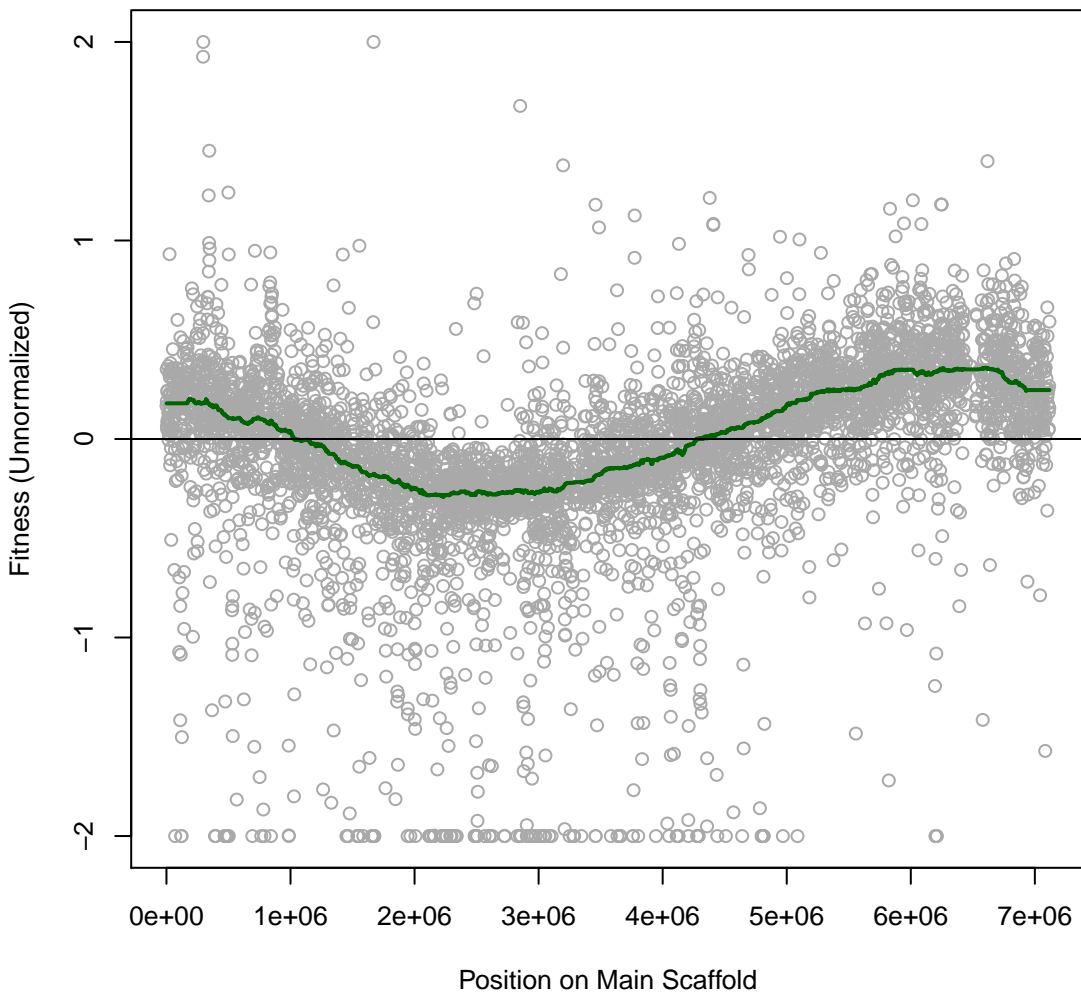
**pseudo5\_N2C3\_1 1IT031 #31 (gMed=170 rho12=0.292)**  
**Fumarate (C)**



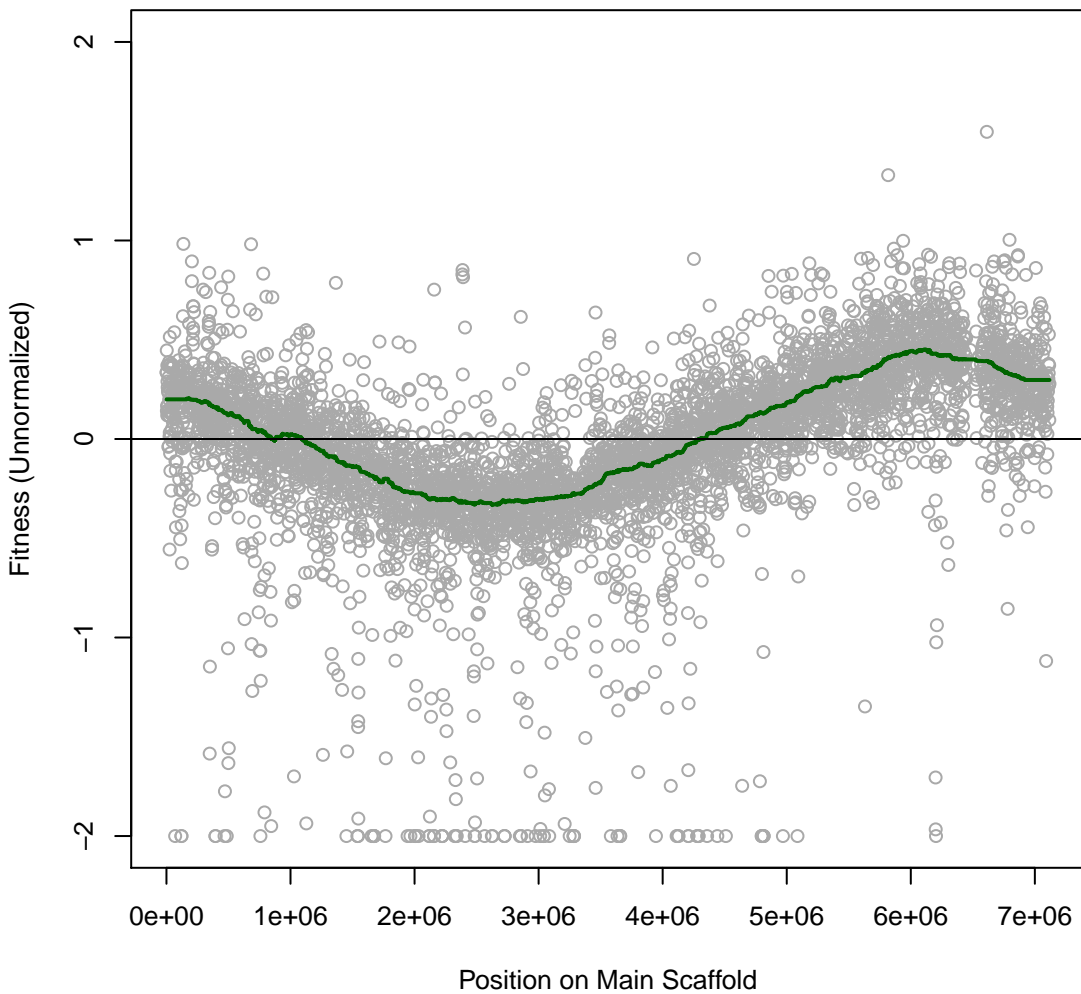
**pseudo5\_N2C3\_1 1IT032 #32 (gMed=4 rho12=0.128)**  
**Trisodium citrate (C)**



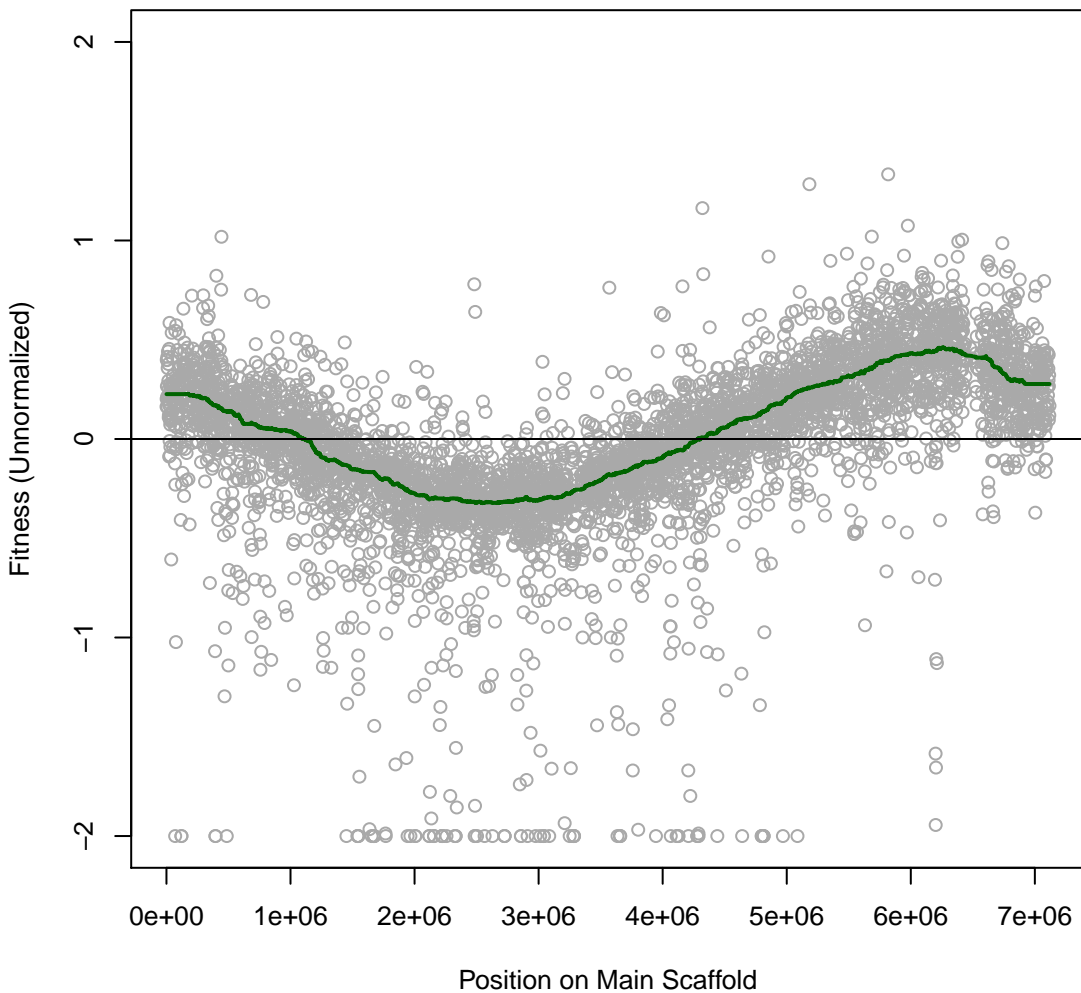
**pseudo5\_N2C3\_1 1IT033 #33 (gMed=130 rho12=0.263)**  
**D-Lactate (C)**



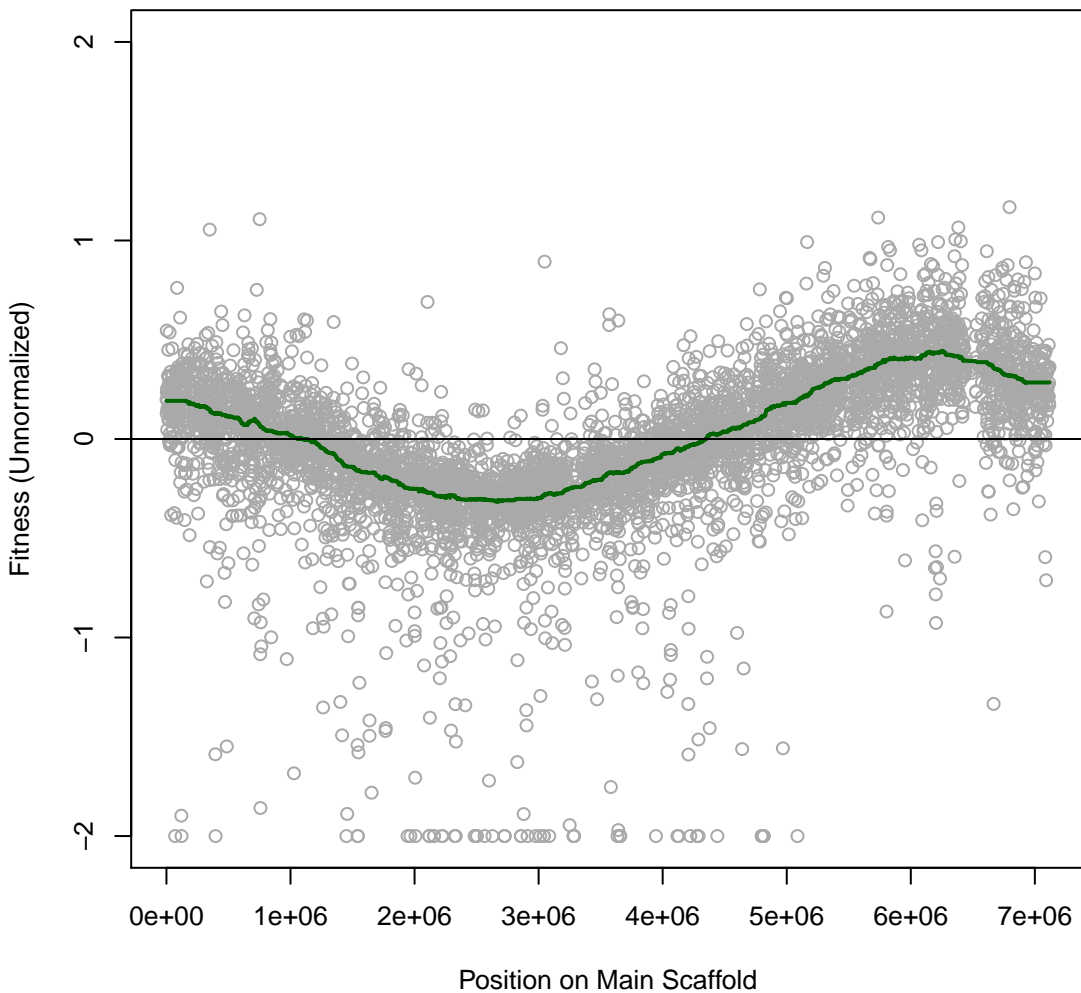
**pseudo5\_N2C3\_1 1IT034 #34 (gMed=170 rho12=0.187)**  
**L-Lactate (C)**



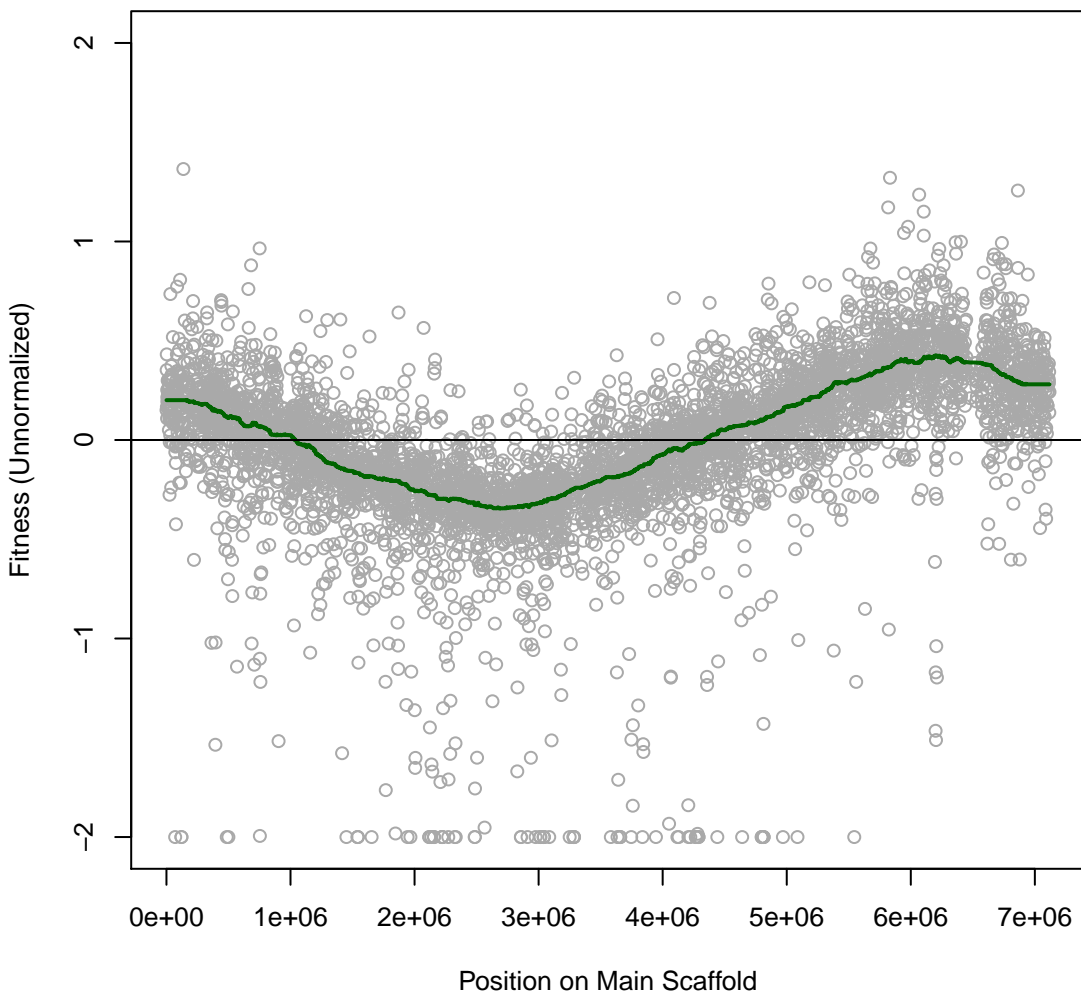
**pseudo5\_N2C3\_1 1IT035 #35 (gMed=181 rho12=0.175)**  
**D,L-Lactate (C)**



**pseudo5\_N2C3\_1 1IT036 #36 (gMed=188 rho12=0.121)**  
**pyruvate (C)**

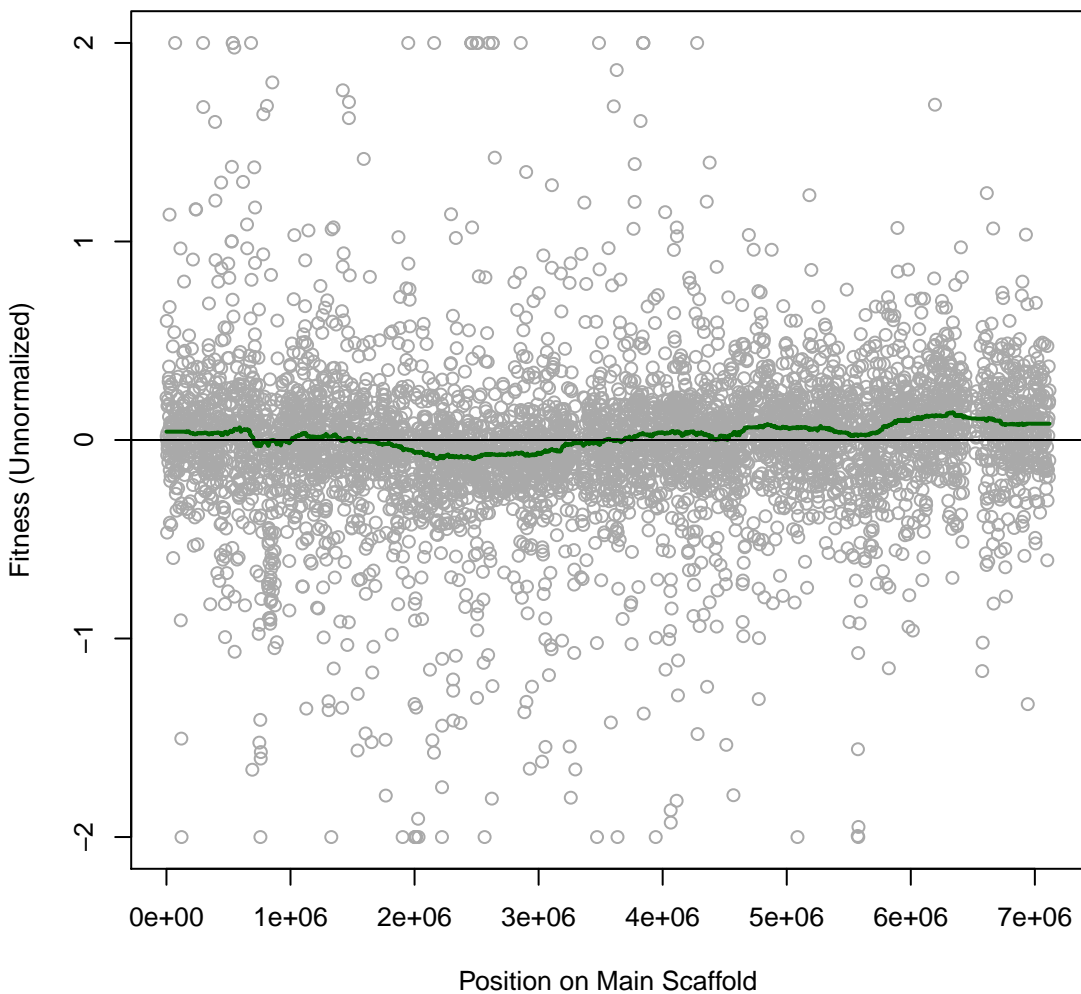


**pseudo5\_N2C3\_1 1IT037 #37 (gMed=168 rho12=0.166)**  
**succinate (C)**

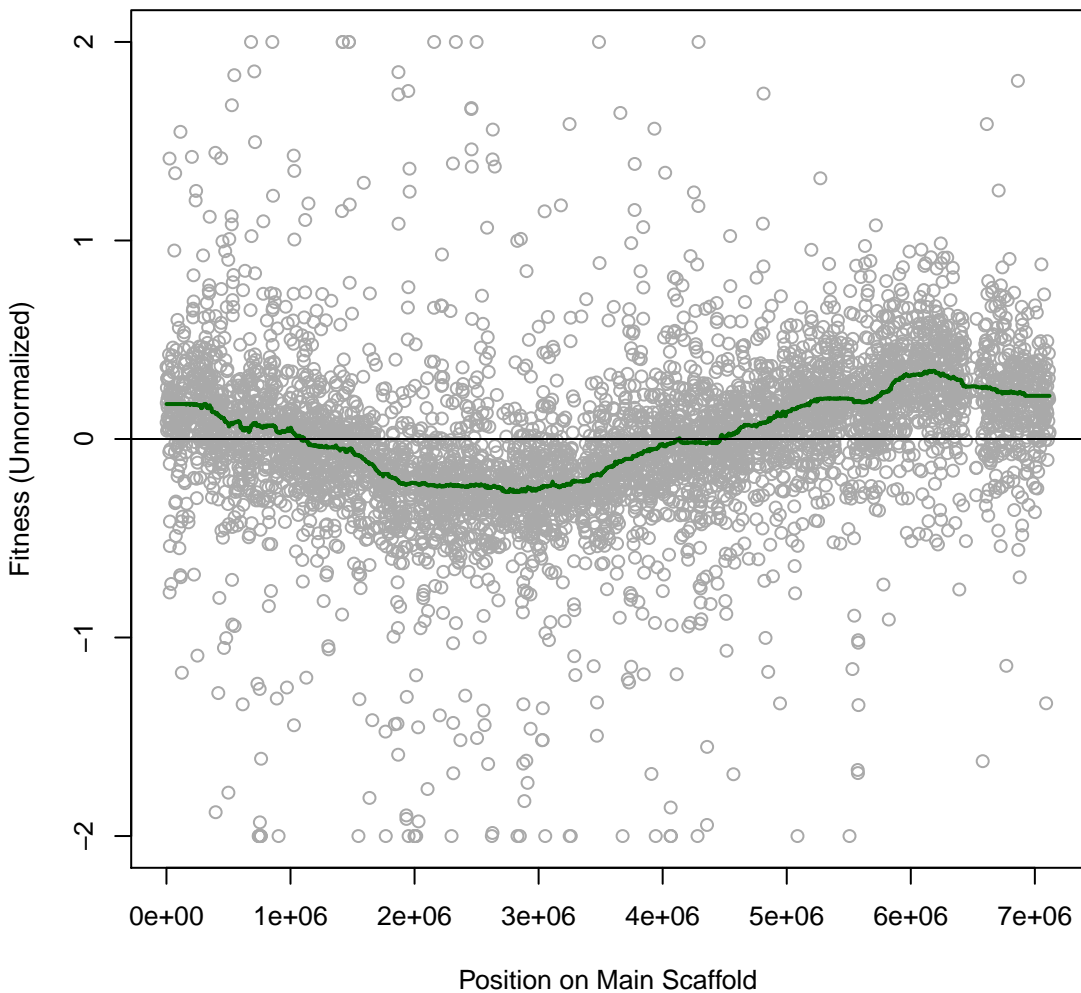


**pseudo5\_N2C3\_1 1IT038 #38 (gMed=169 rho12=0.248)**

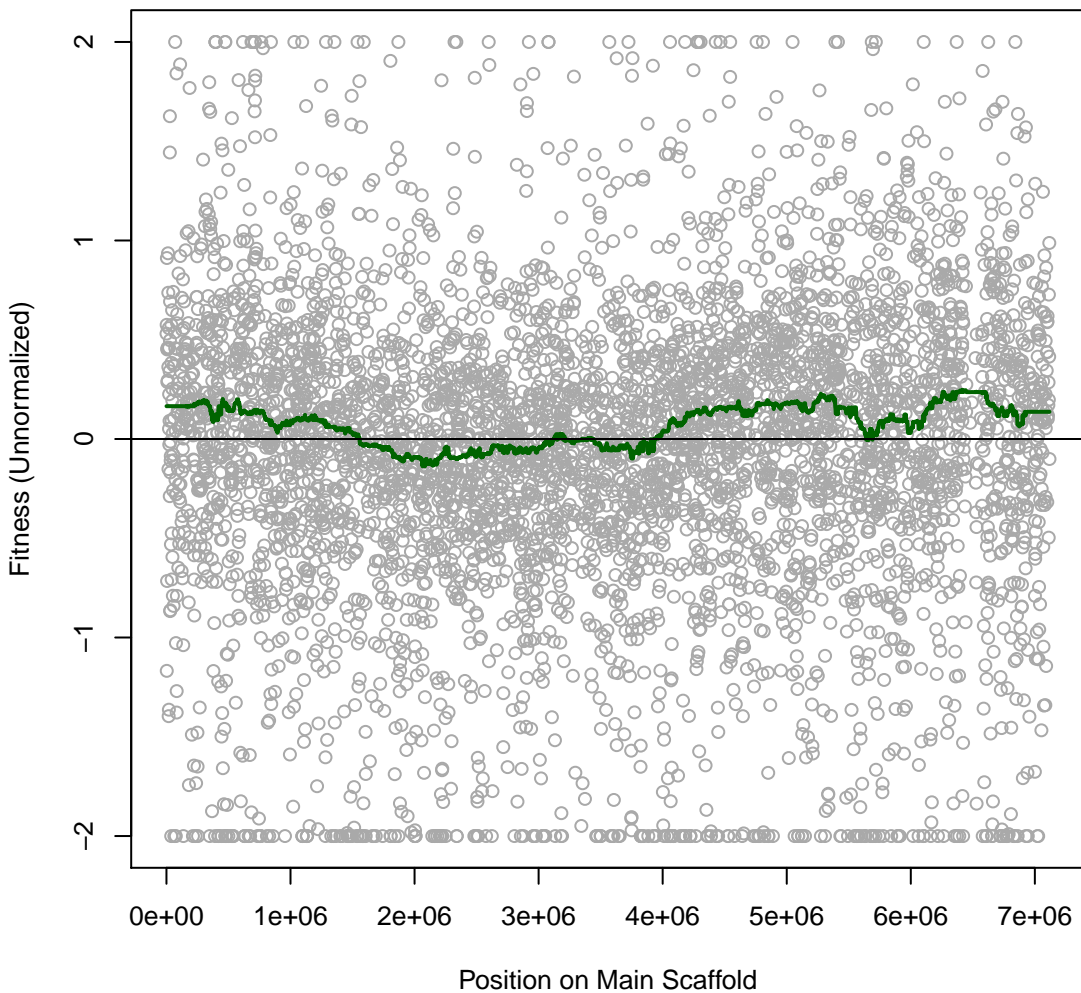
**Nickel (II) chloride 0.625 mM**



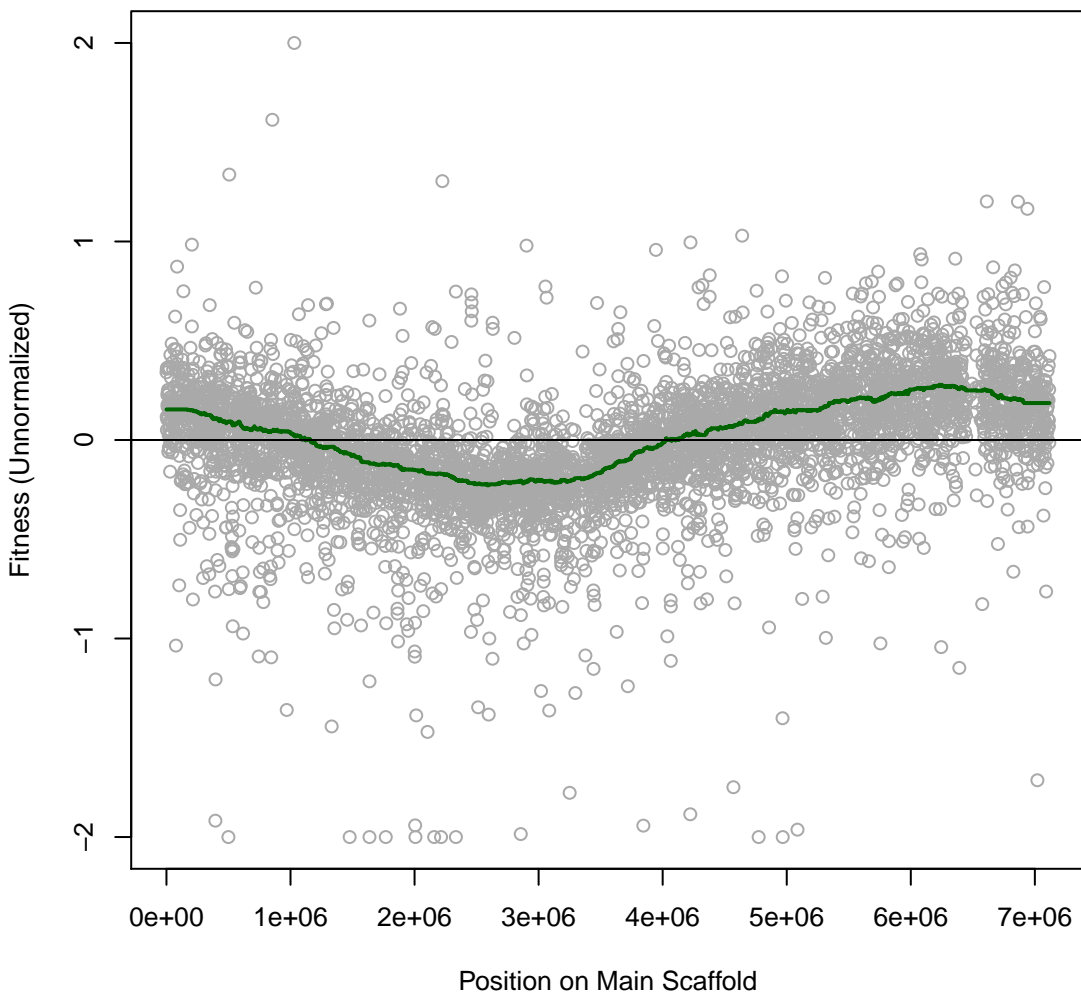
**pseudo5\_N2C3\_1 1IT039 #39 (gMed=157 rho12=0.258)**  
**Cobalt chloride 0.08 mM**



**pseudo5\_N2C3\_1 1IT040 #40 (gMed=146 rho12=0.107)**  
**copper (II) chloride 2.5 mM**

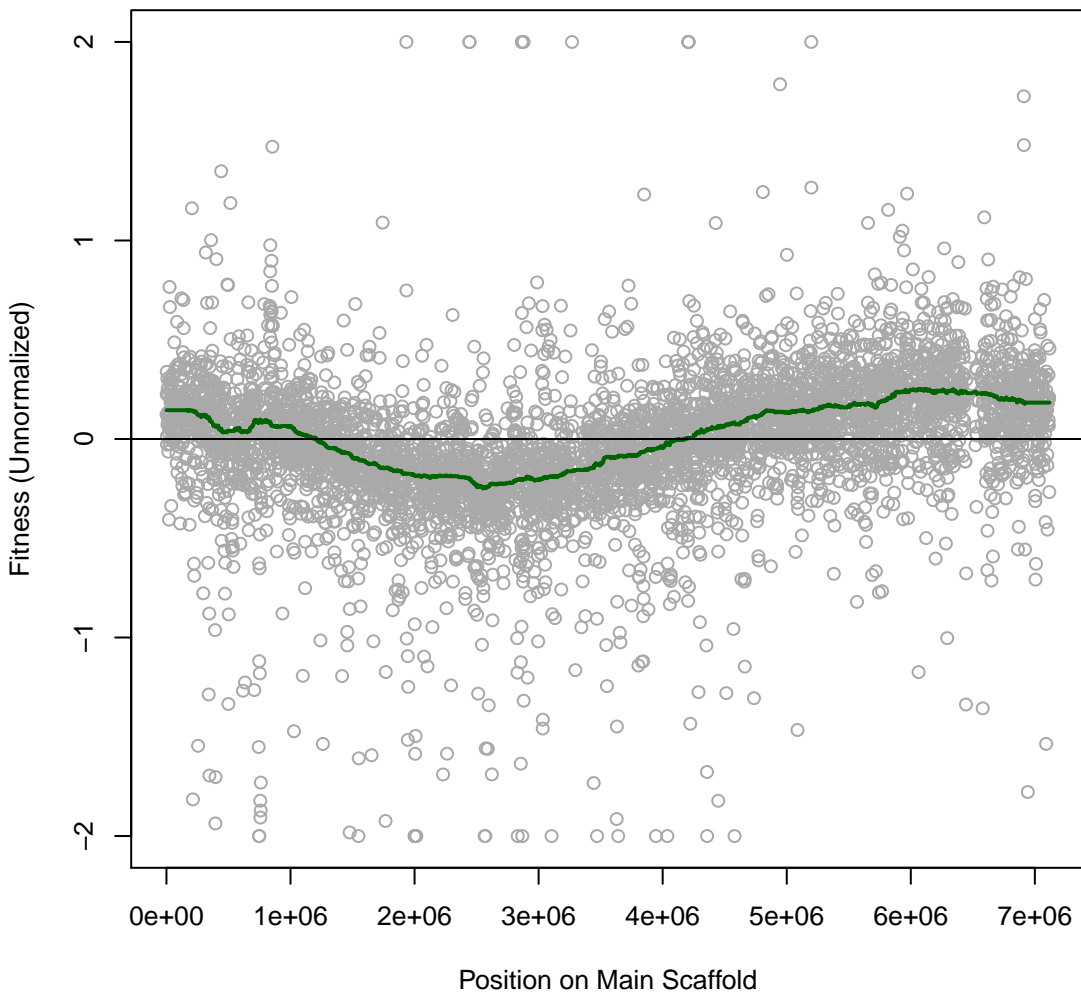


**pseudo5\_N2C3\_1 1IT041 #41 (gMed=163 rho12=0.110)**  
**sodium fluoride 6.25 mM**

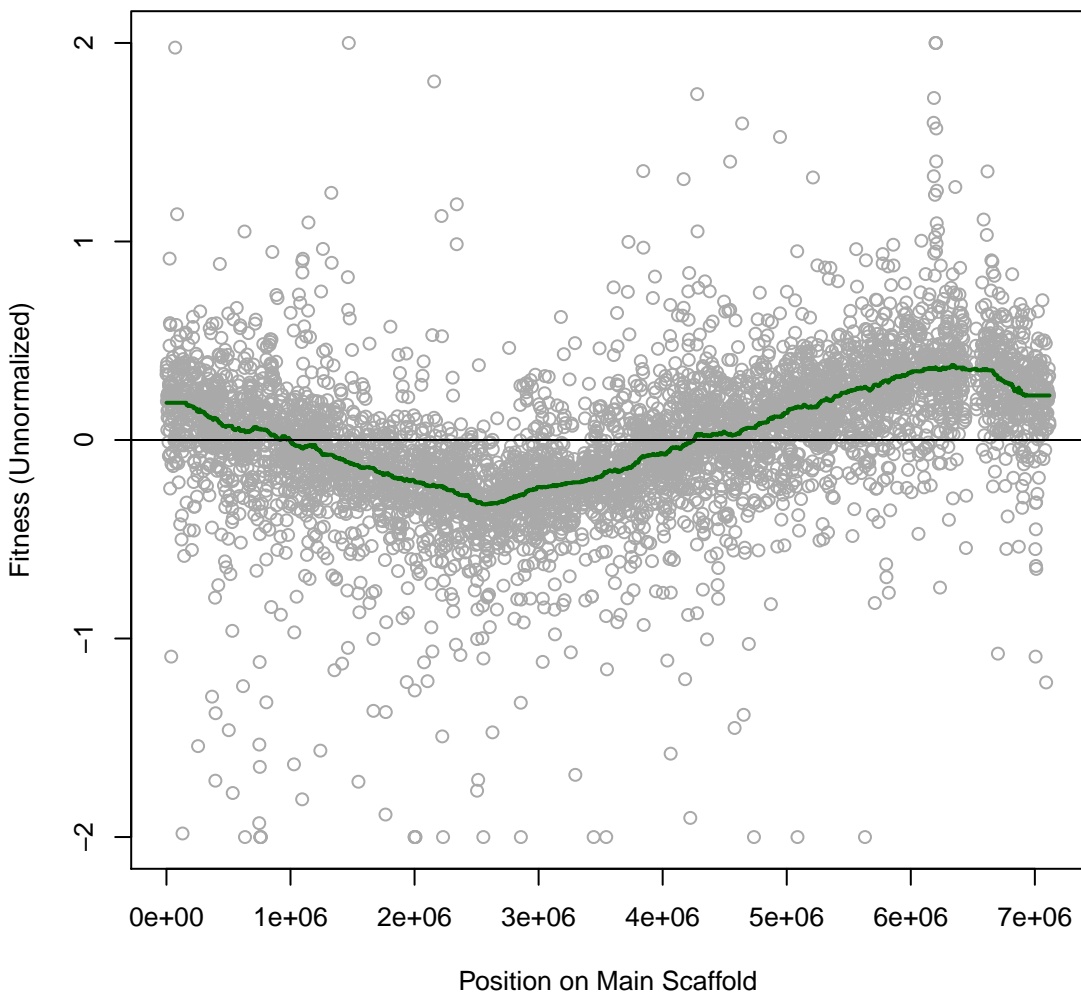


**pseudo5\_N2C3\_1 1IT042 #42 (gMed=125 rho12=0.197)**

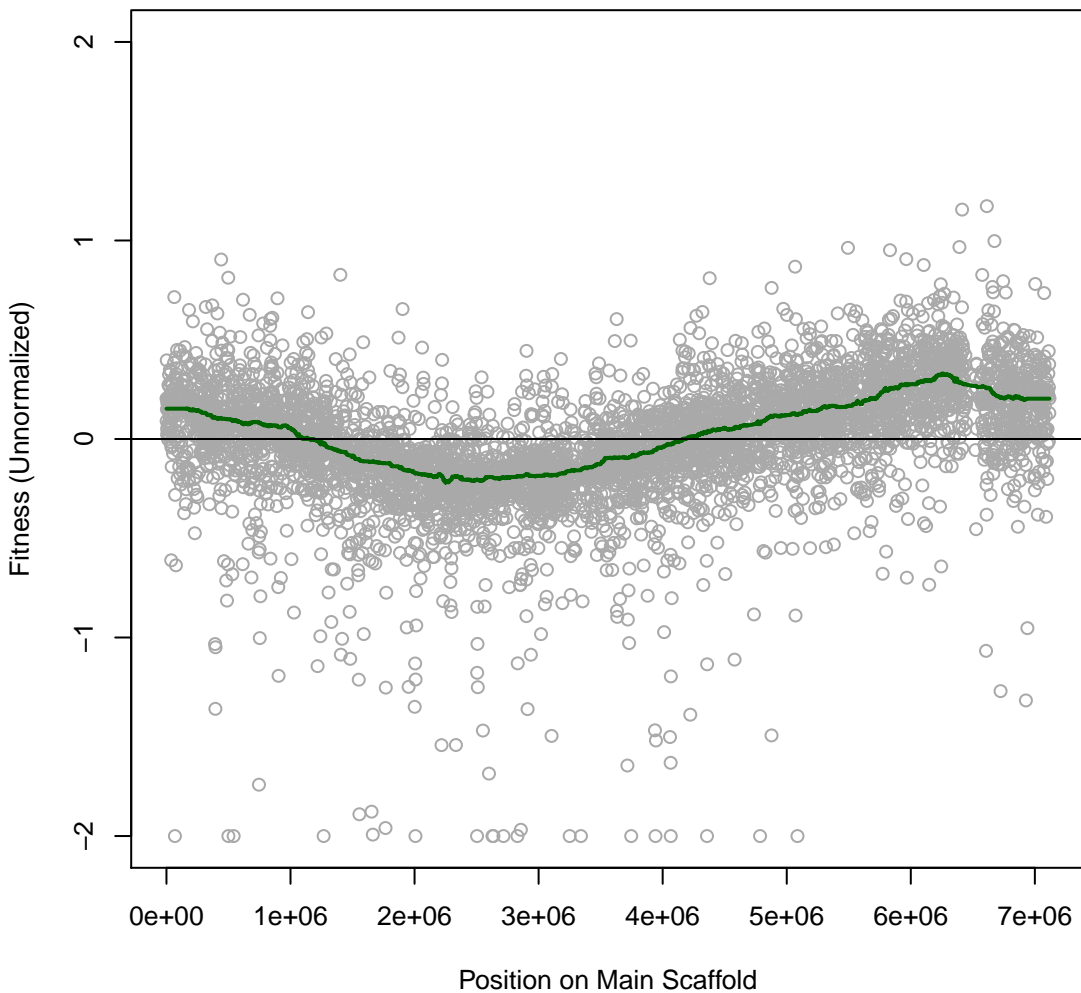
**Paraquat dichloride 0.0625 mg/ml**



**pseudo5\_N2C3\_1 1IT043 #43 (gMed=170 rho12=0.171)**  
**Thallium(I) acetate 0.008 mg/ml**

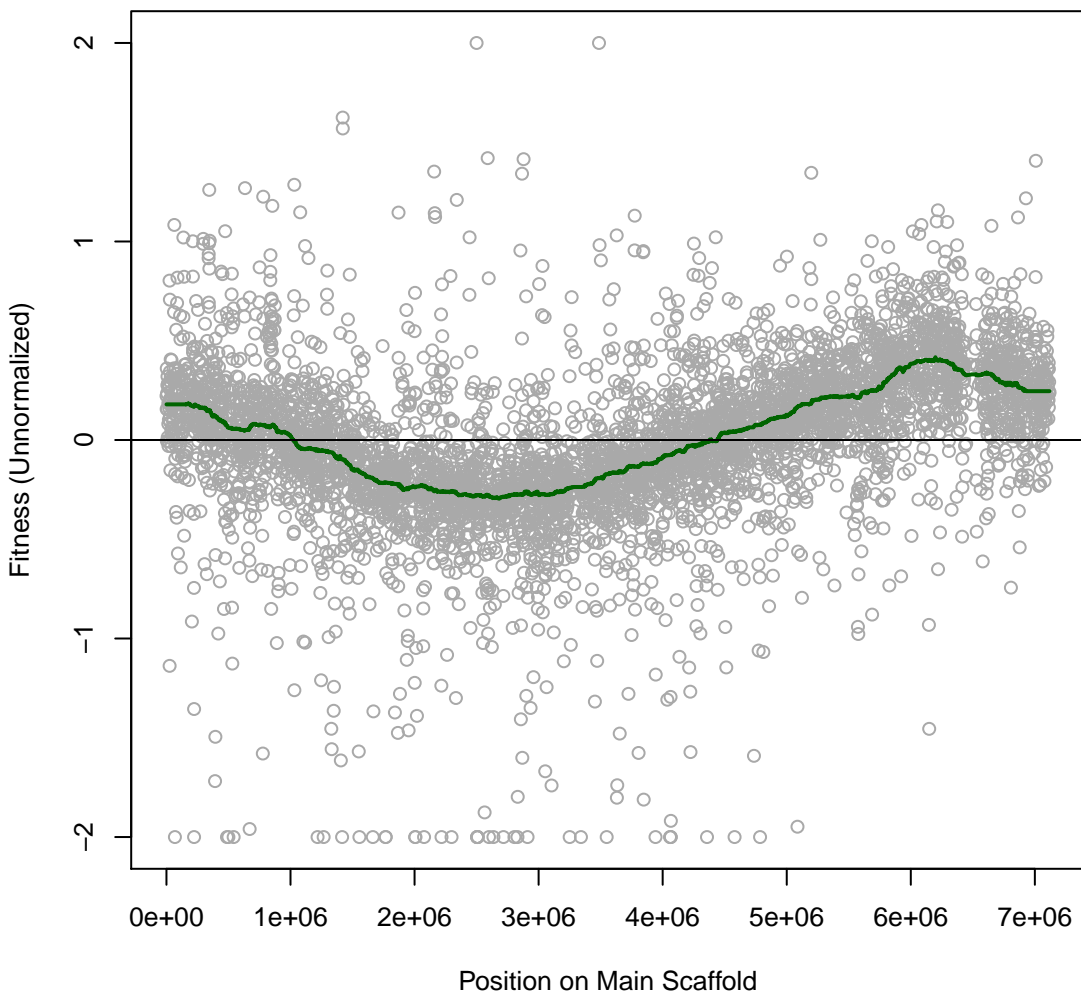


**pseudo5\_N2C3\_1 1IT044 #44 (gMed=185 rho12=0.085)**  
**Cisplatin 0.0016 mg/ml**

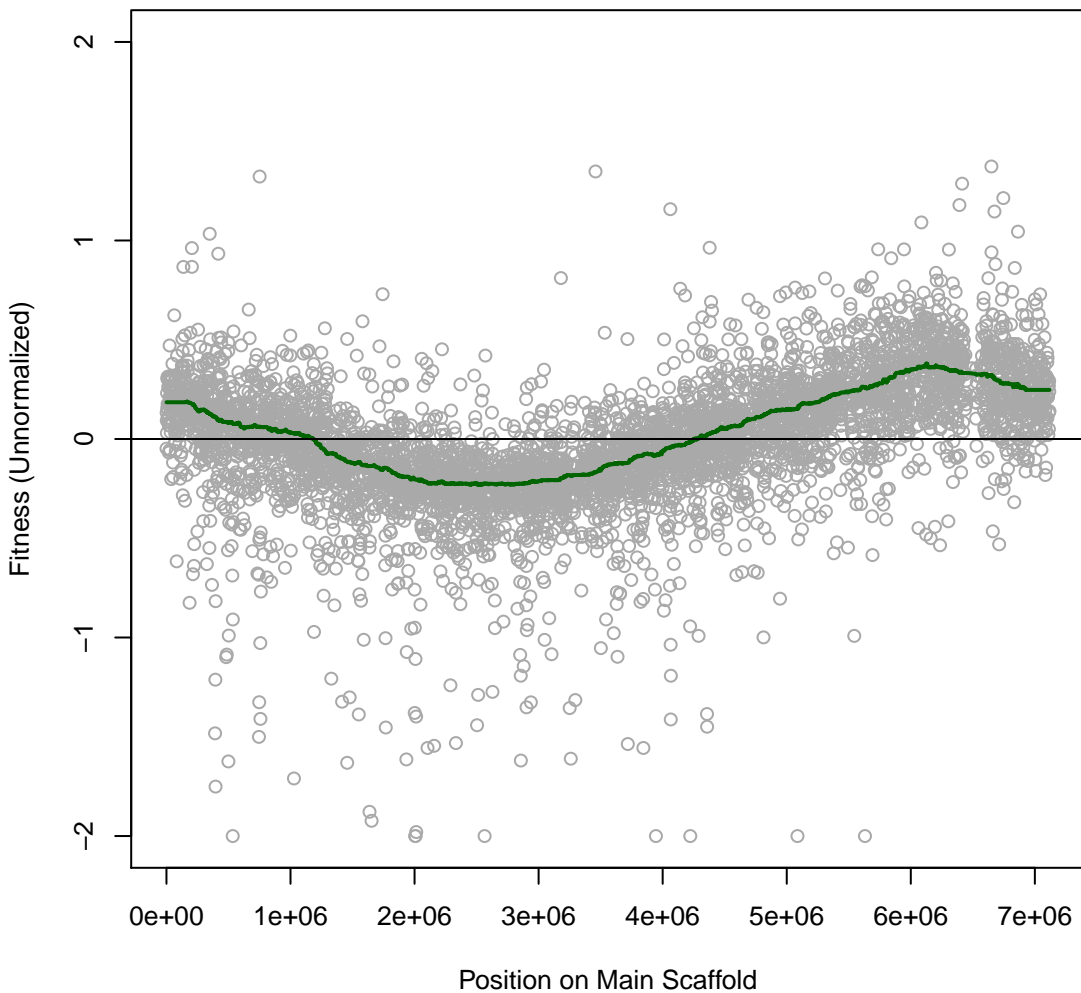


**pseudo5\_N2C3\_1 1IT045 #45 (gMed=164 rho12=0.222)**

**Cisplatin 0.0032 mg/ml**

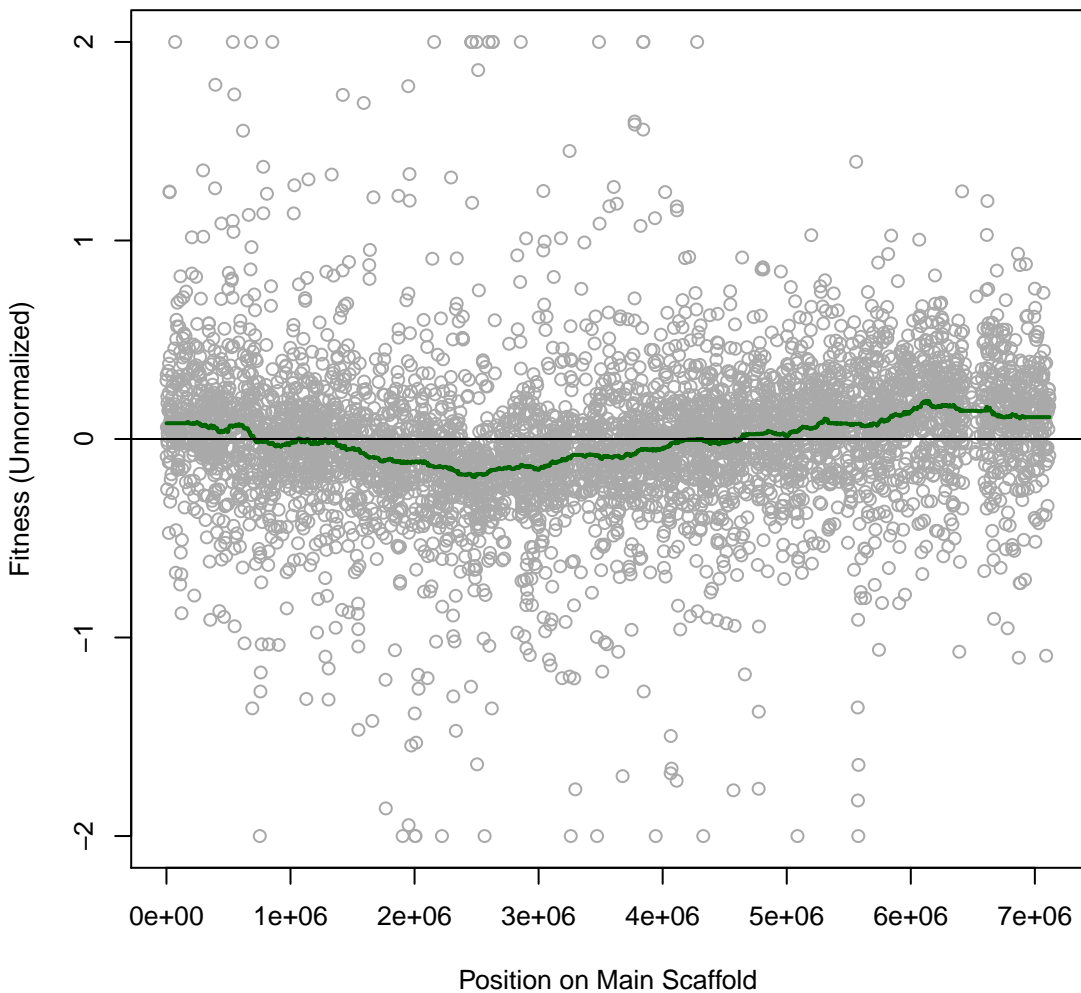


**pseudo5\_N2C3\_1 1IT046 #46 (gMed=177 rho12=0.091)**  
**LB**

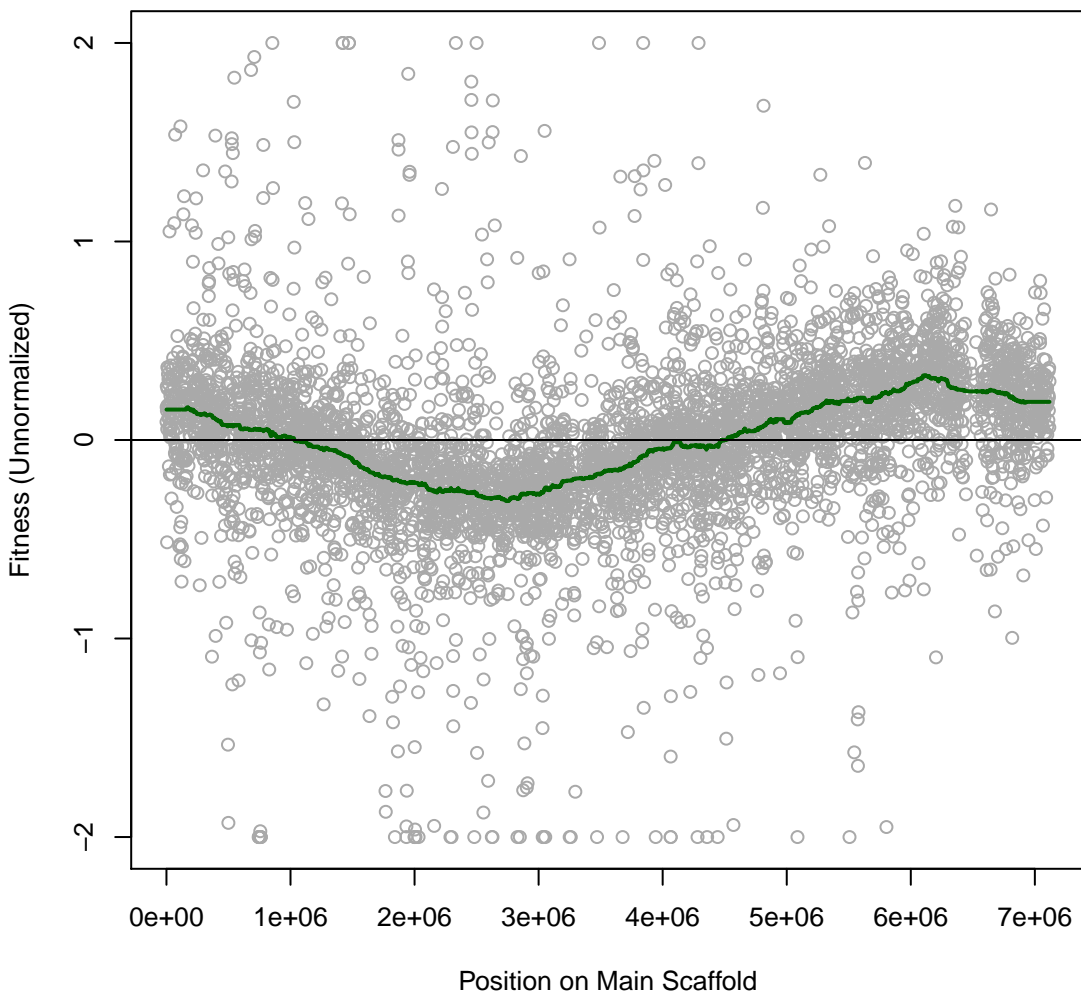


**pseudo5\_N2C3\_1 1IT047 #47 (gMed=133 rho12=0.176)**

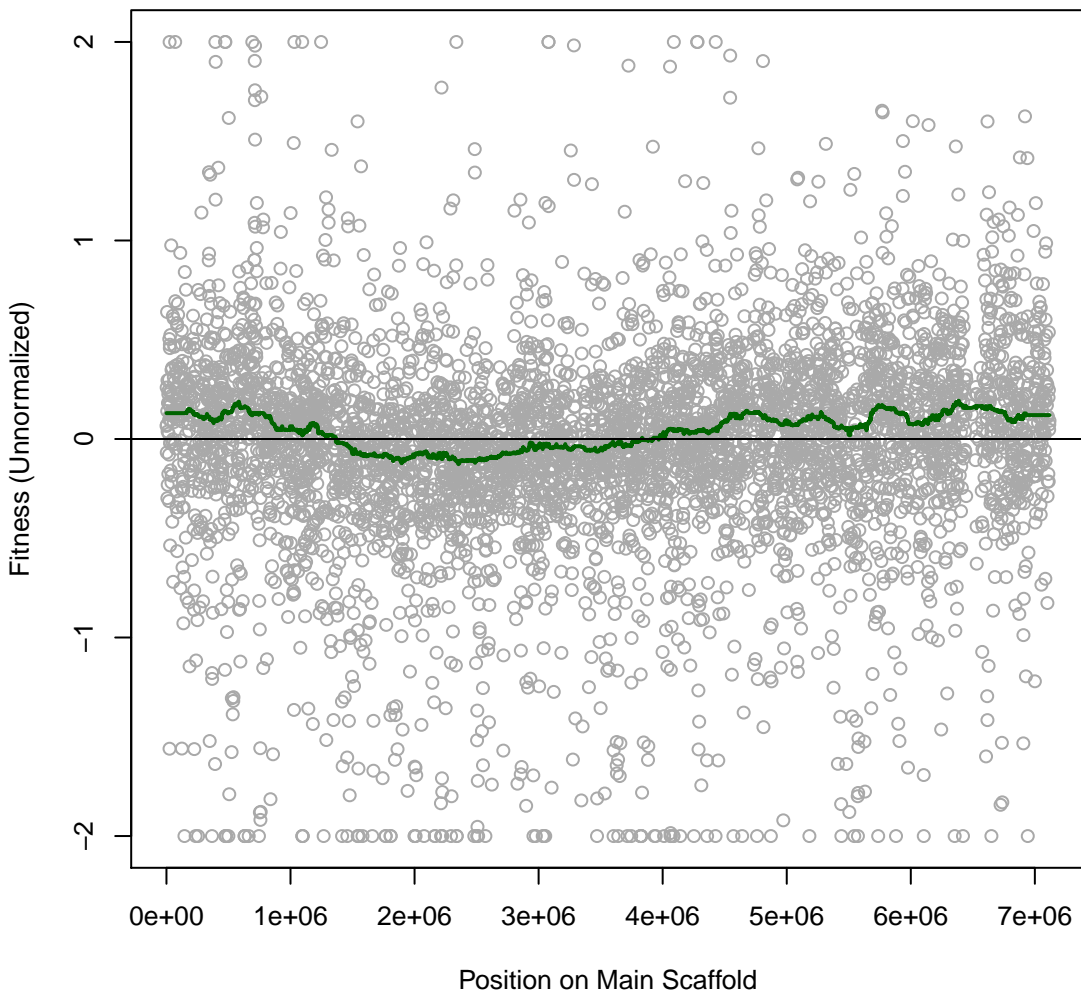
**Nickel (II) chloride 0.625 mM**



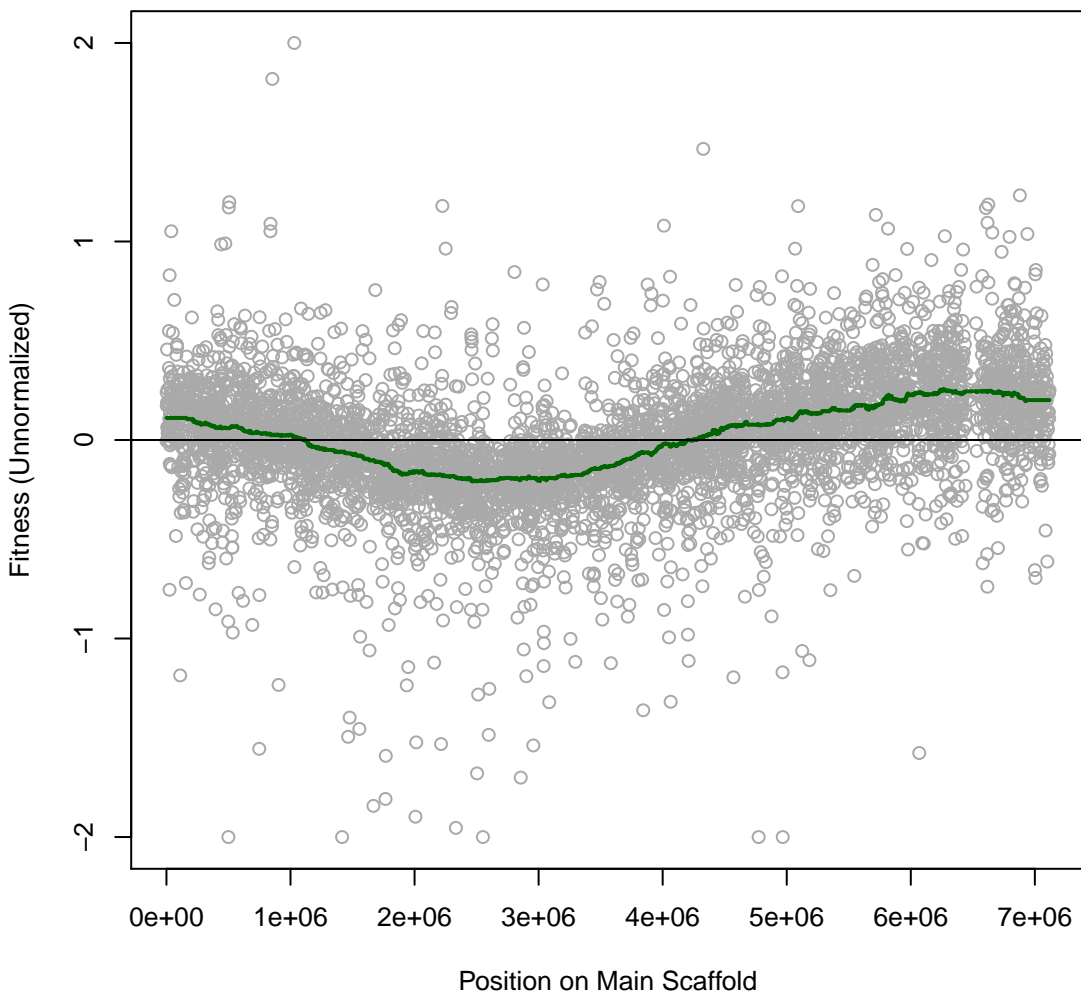
**pseudo5\_N2C3\_1 1IT048 #48 (gMed=149 rho12=0.211)**  
**Cobalt chloride 0.08 mM**



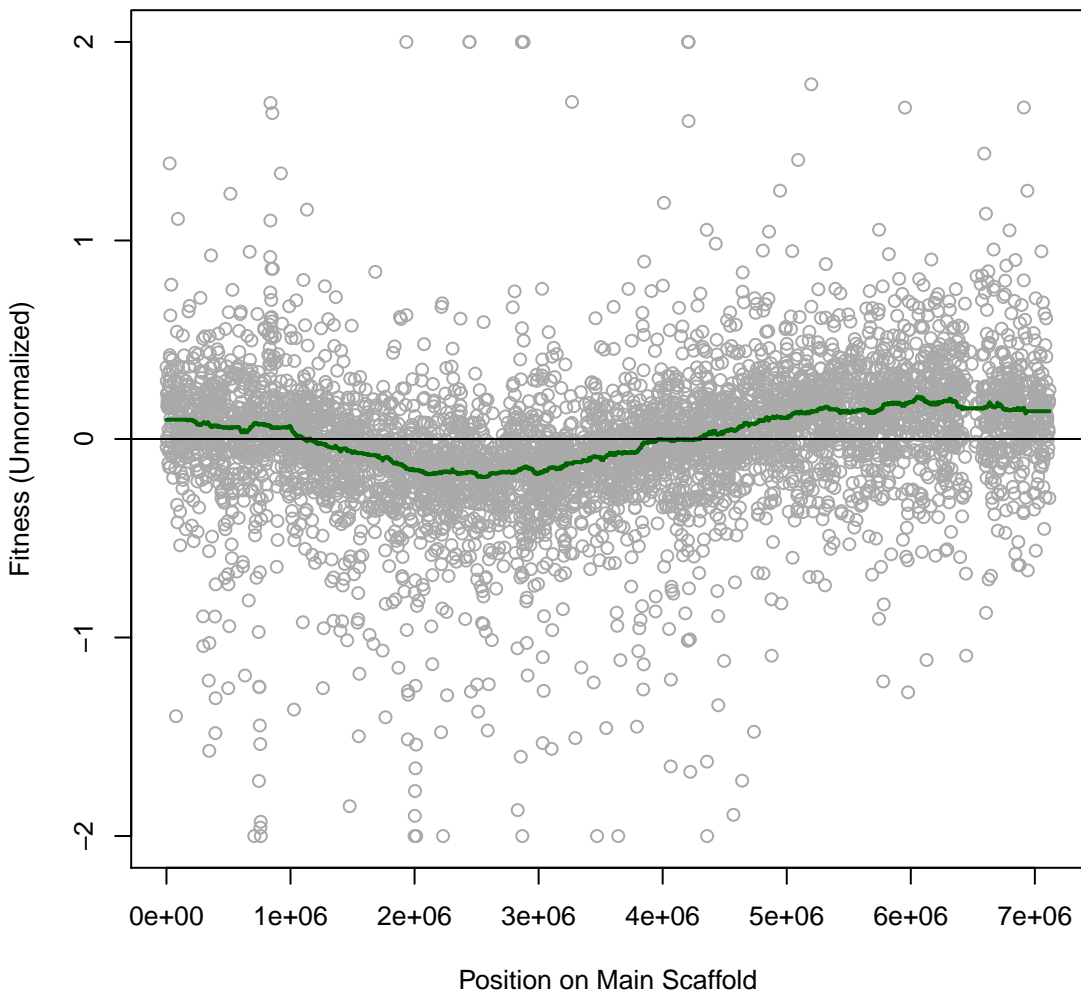
**pseudo5\_N2C3\_1 2IT050 #50 (gMed=151 rho12=0.194)**  
**copper (II) chloride 2.5 mM**



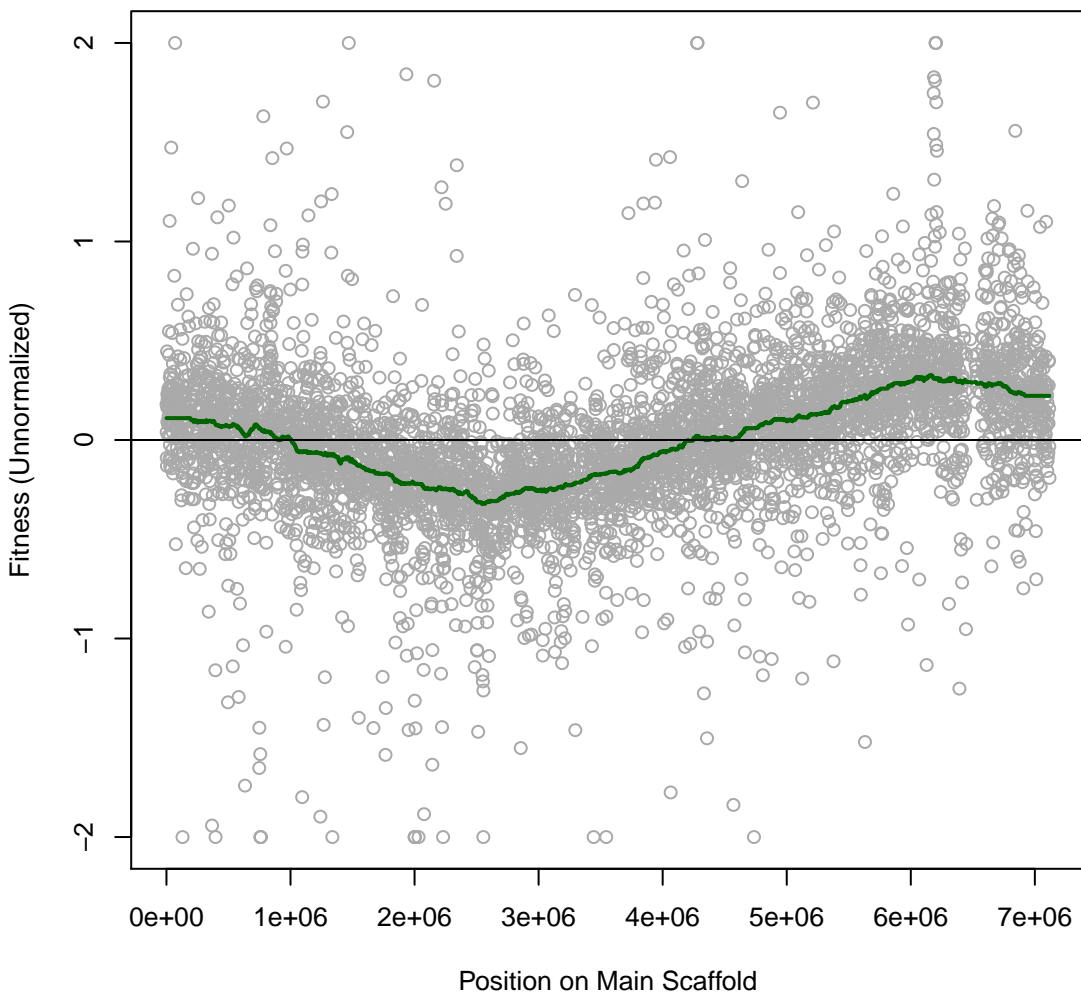
**pseudo5\_N2C3\_1 2IT051 #51 (gMed=170 rho12=0.090)**  
**sodium fluoride 6.25 mM**



**pseudo5\_N2C3\_1 2IT052 #52 (gMed=139 rho12=0.162)**  
**Paraquat dichloride 0.0625 mg/ml**

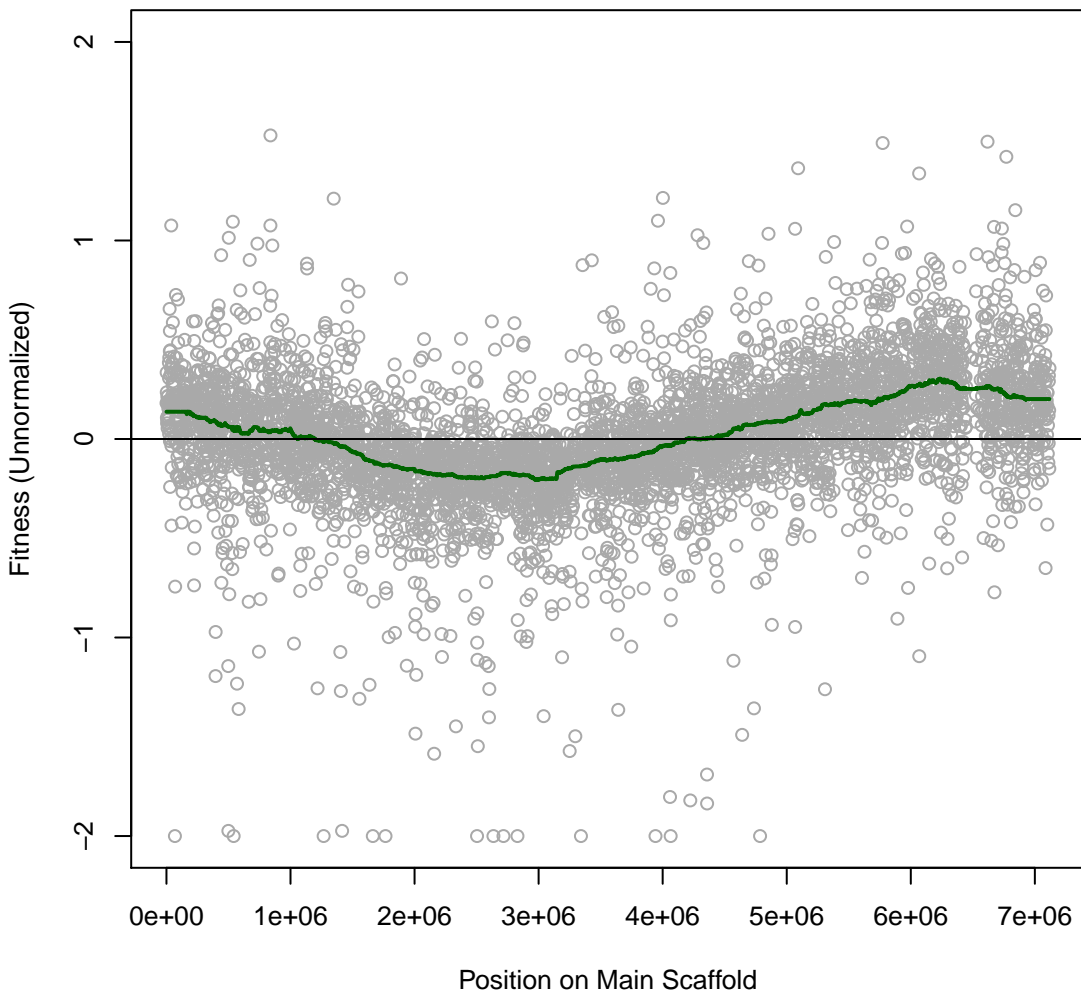


**pseudo5\_N2C3\_1 2IT053 #53 (gMed=122 rho12=0.183)**  
**Thallium(I) acetate 0.008 mg/ml**



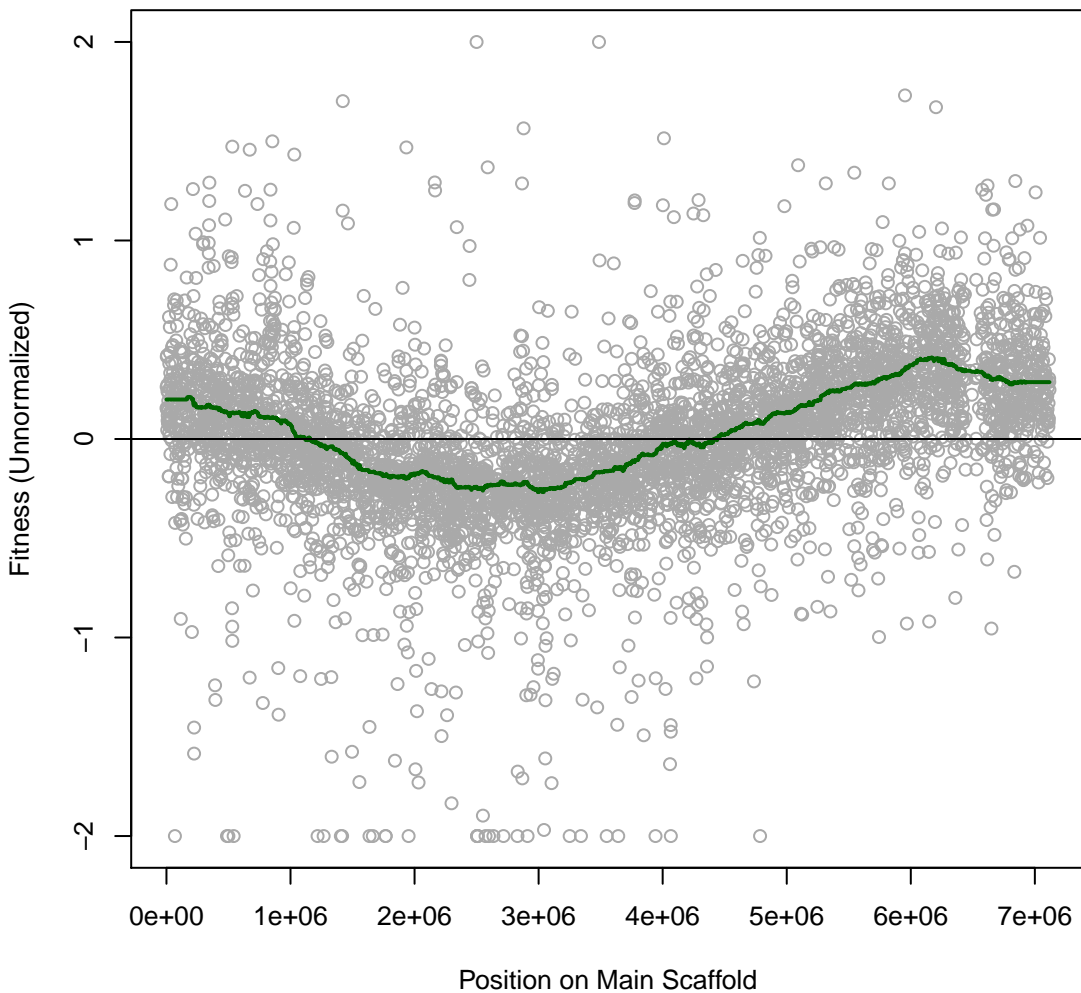
**pseudo5\_N2C3\_1 2IT054 #54 (gMed=167 rho12=0.086)**

**Cisplatin 0.0016 mg/ml**

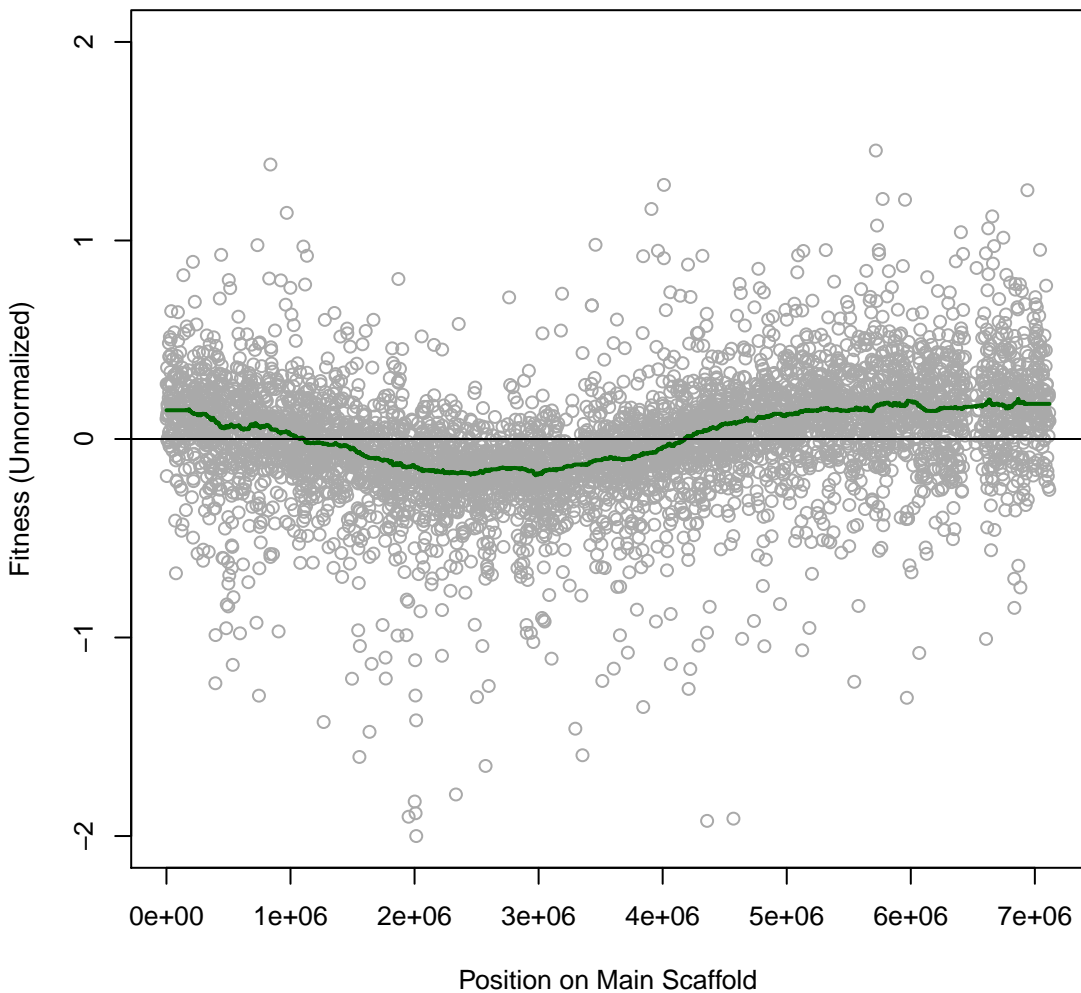


**pseudo5\_N2C3\_1 2IT055 #55 (gMed=163 rho12=0.197)**

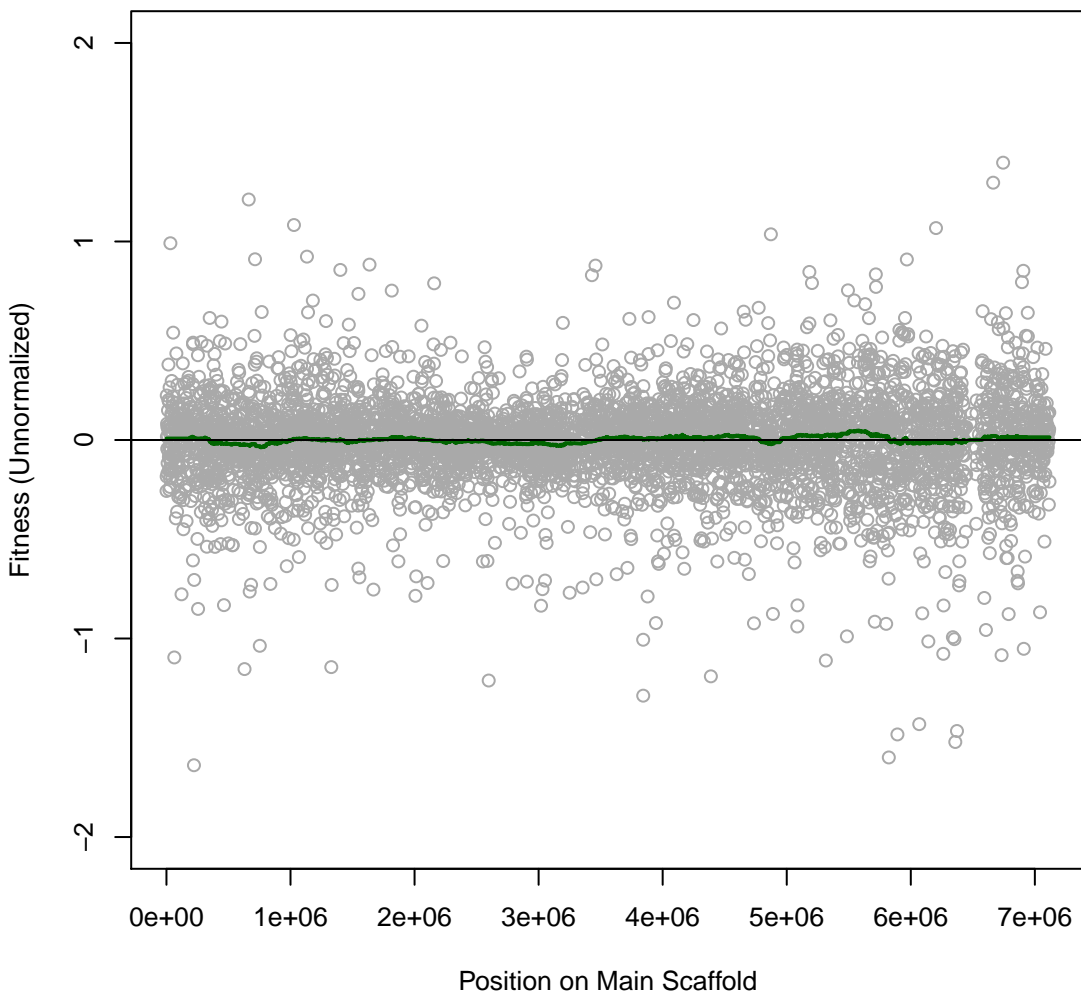
**Cisplatin 0.0032 mg/ml**



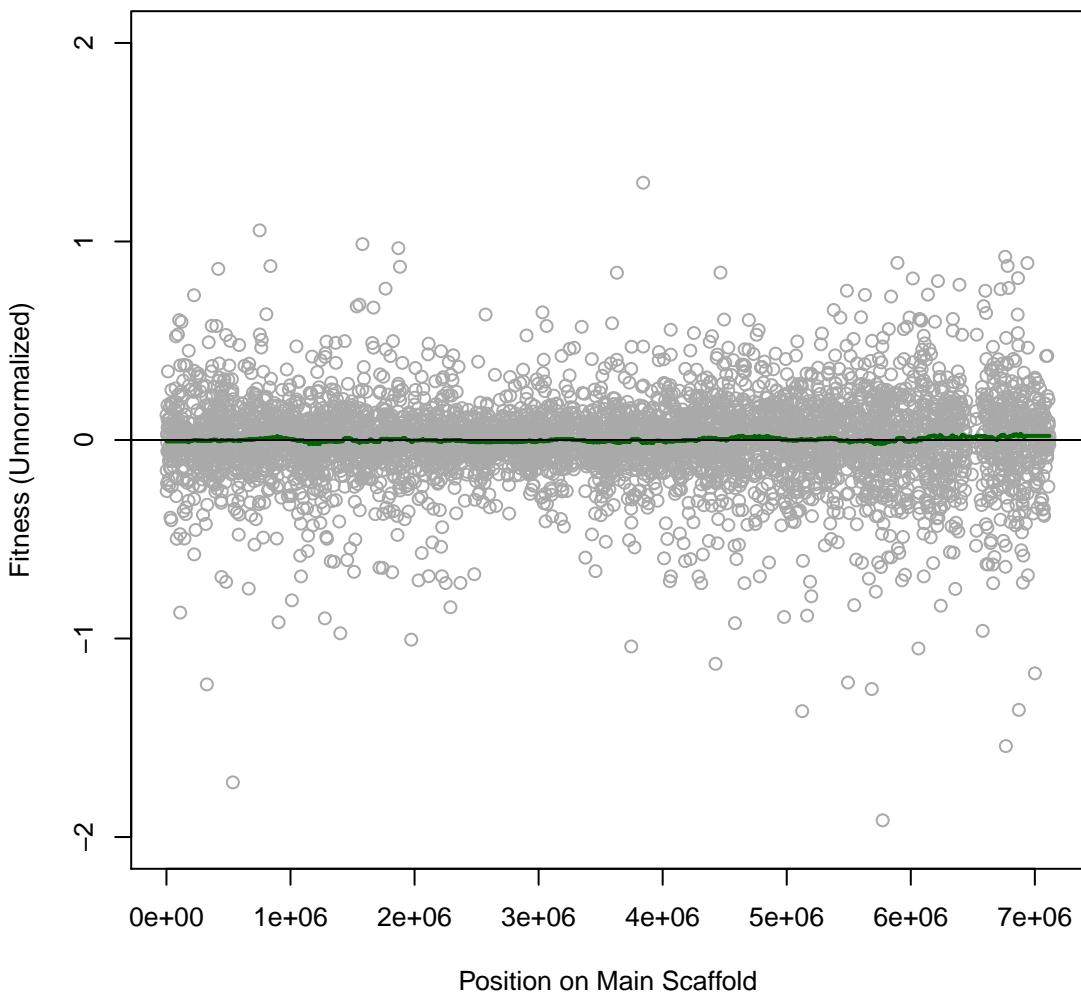
**pseudo5\_N2C3\_1 2IT056 #56 (gMed=158 rho12=0.055)**  
**LB**



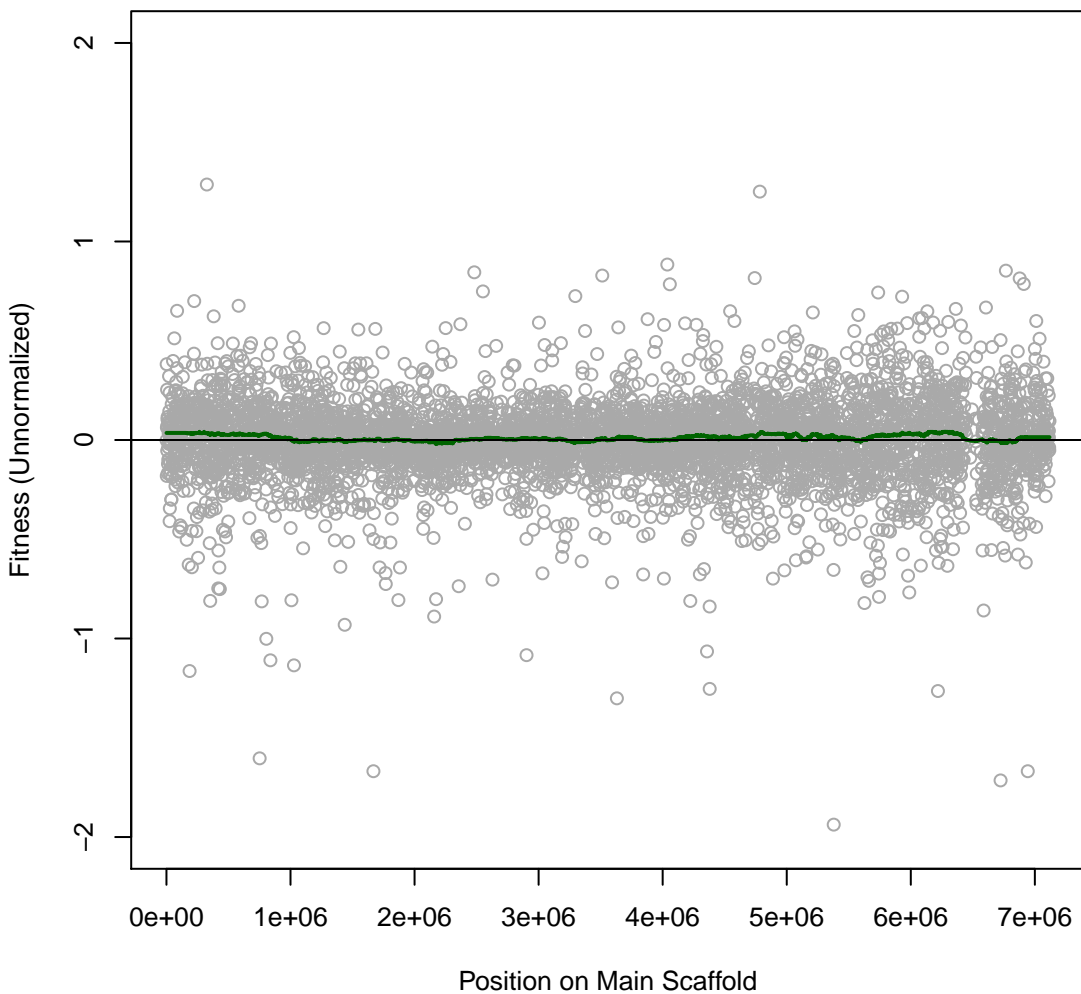
**pseudo5\_N2C3\_1 2IT057 #57 (gMed=127 rho12=0.007)**  
**Time0**



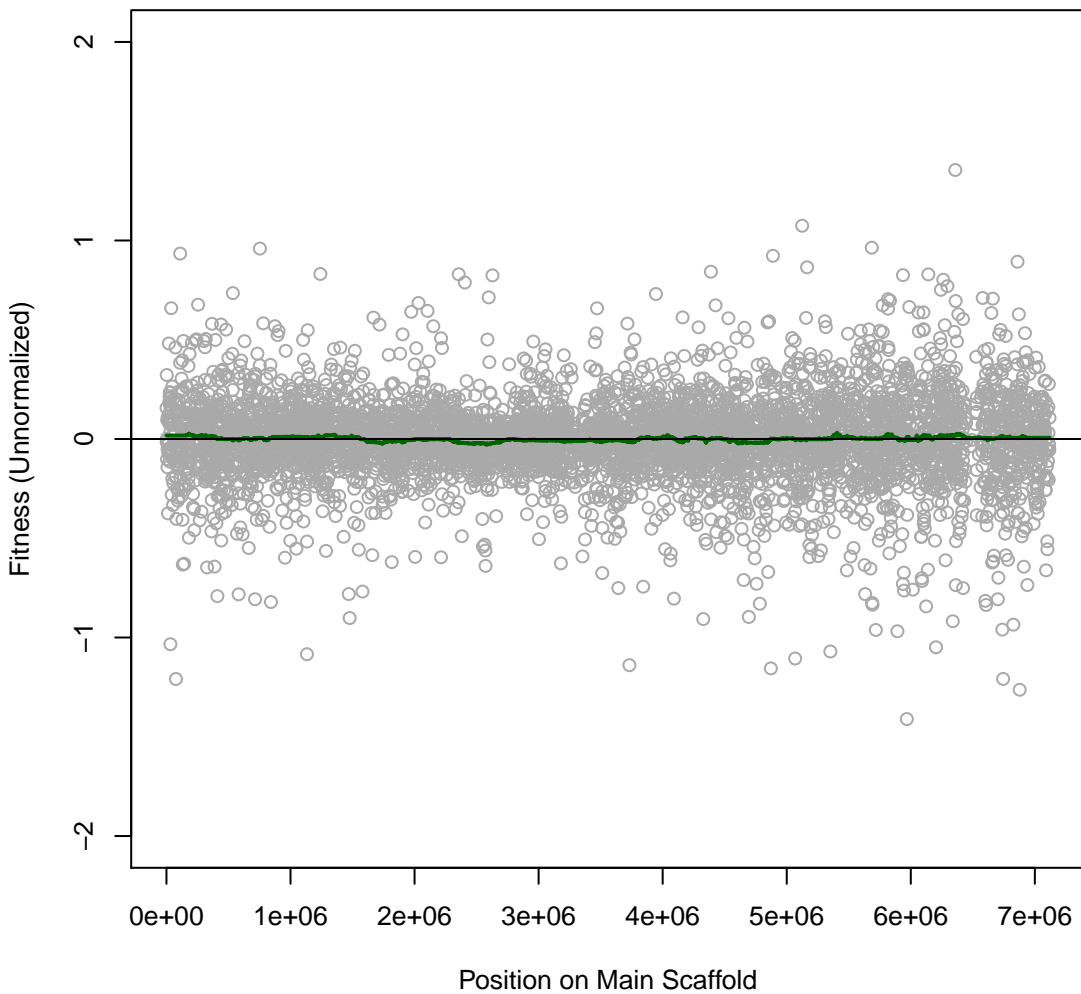
**pseudo5\_N2C3\_1 2IT058 #58 (gMed=156 rho12=-0.017)**  
**Time0**



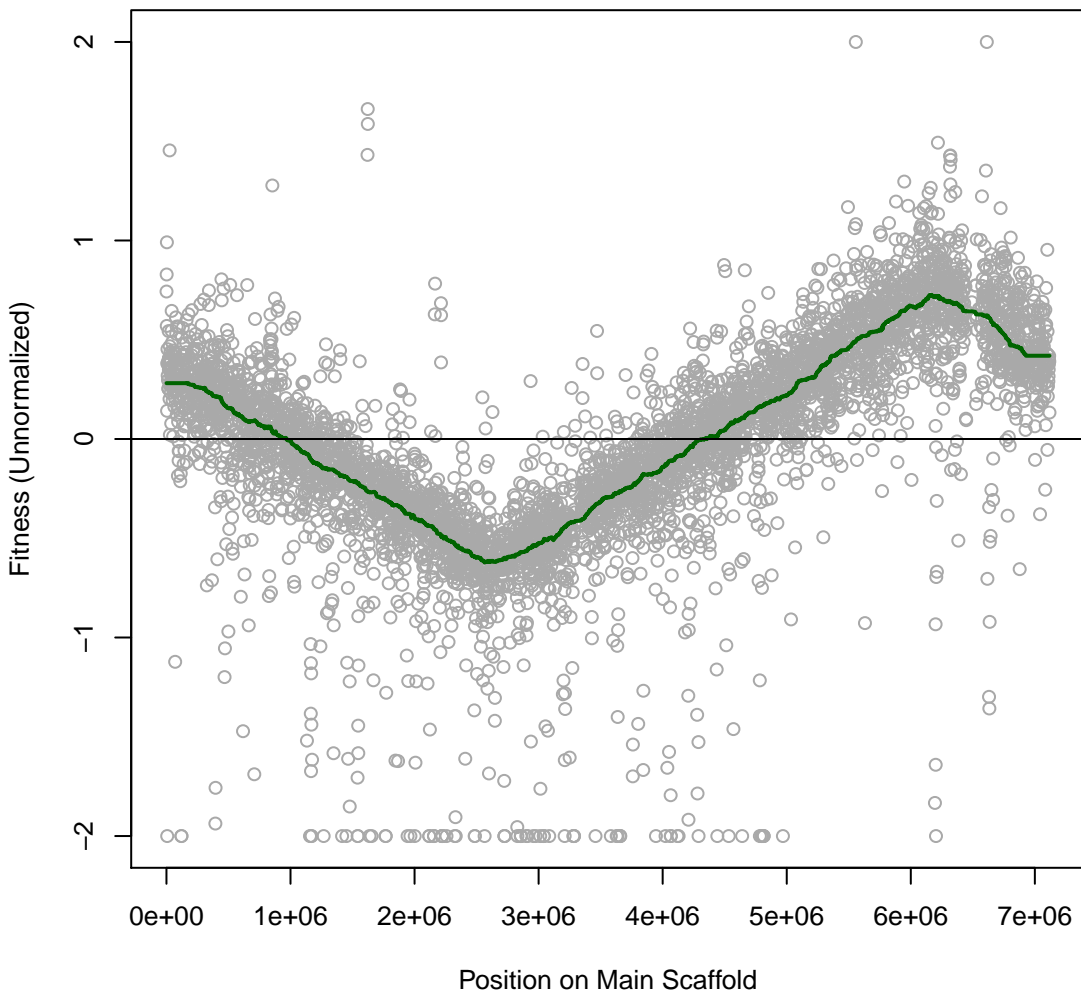
**pseudo5\_N2C3\_1 2IT059 #59 (gMed=157 rho12=0.017)**  
**Time0**



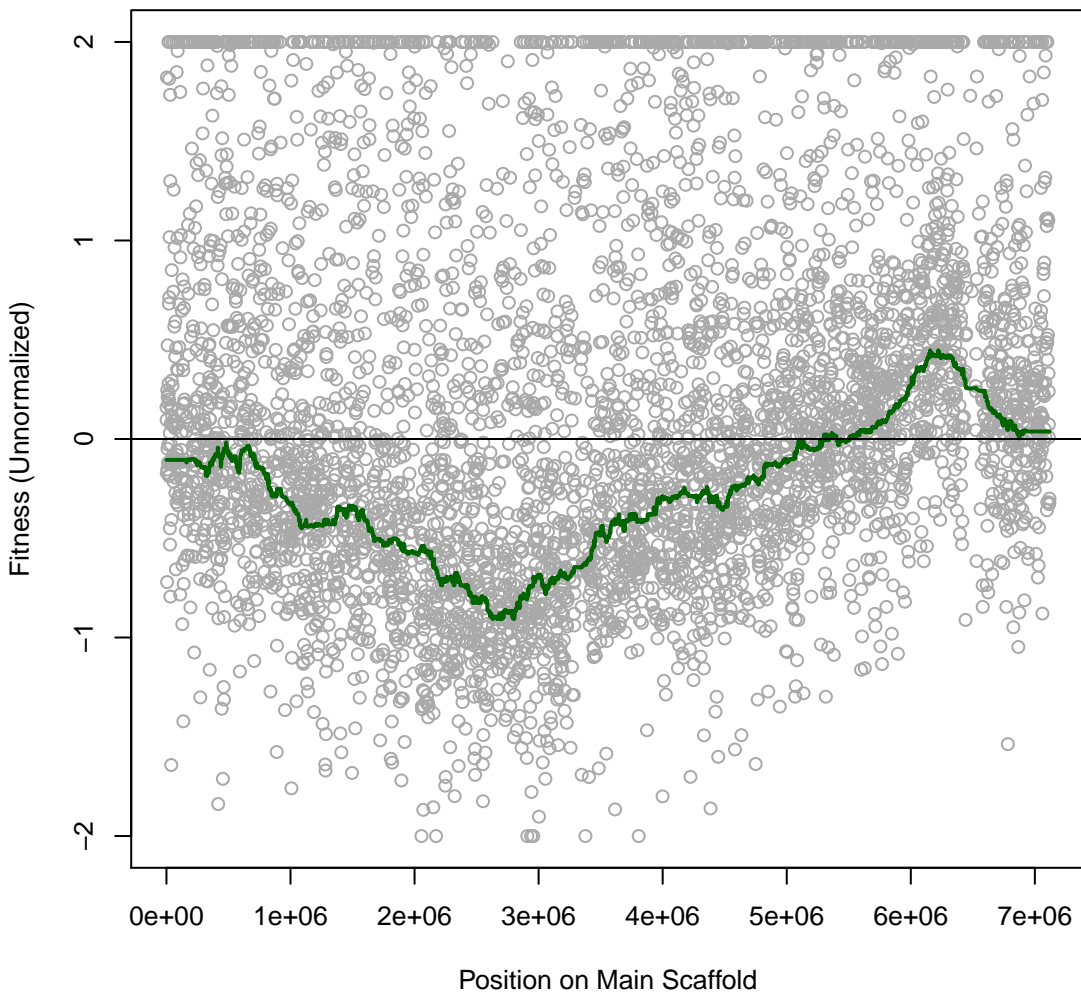
**pseudo5\_N2C3\_1 2IT060 #60 (gMed=144 rho12=0.038)**  
**Time0**



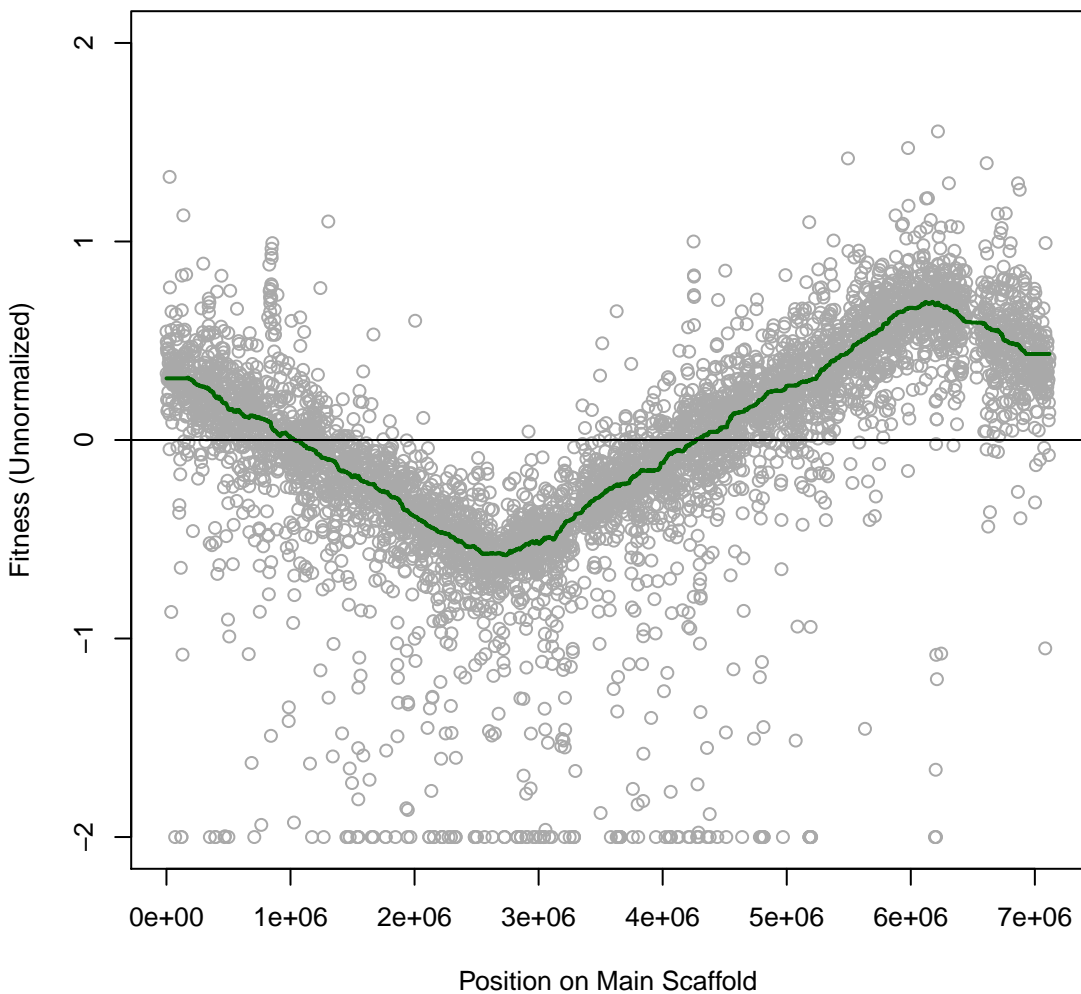
**pseudo5\_N2C3\_1 2IT061 #61 (gMed=178 rho12=0.223)**  
**D-Mannitol (C)**



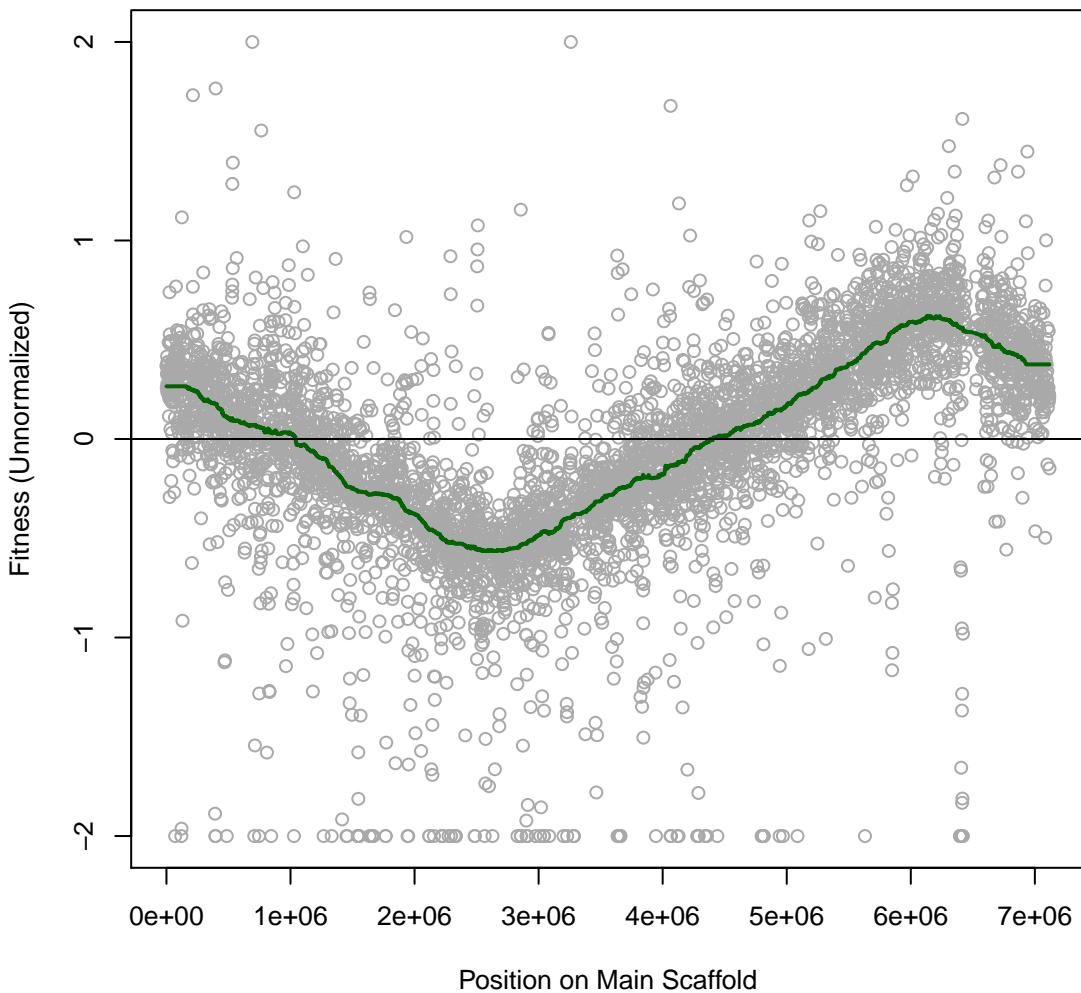
**pseudo5\_N2C3\_1 2IT062 #62 (gMed=1 rho12=0.088)**  
**4-Hydroxybenzoic Acid (C)**



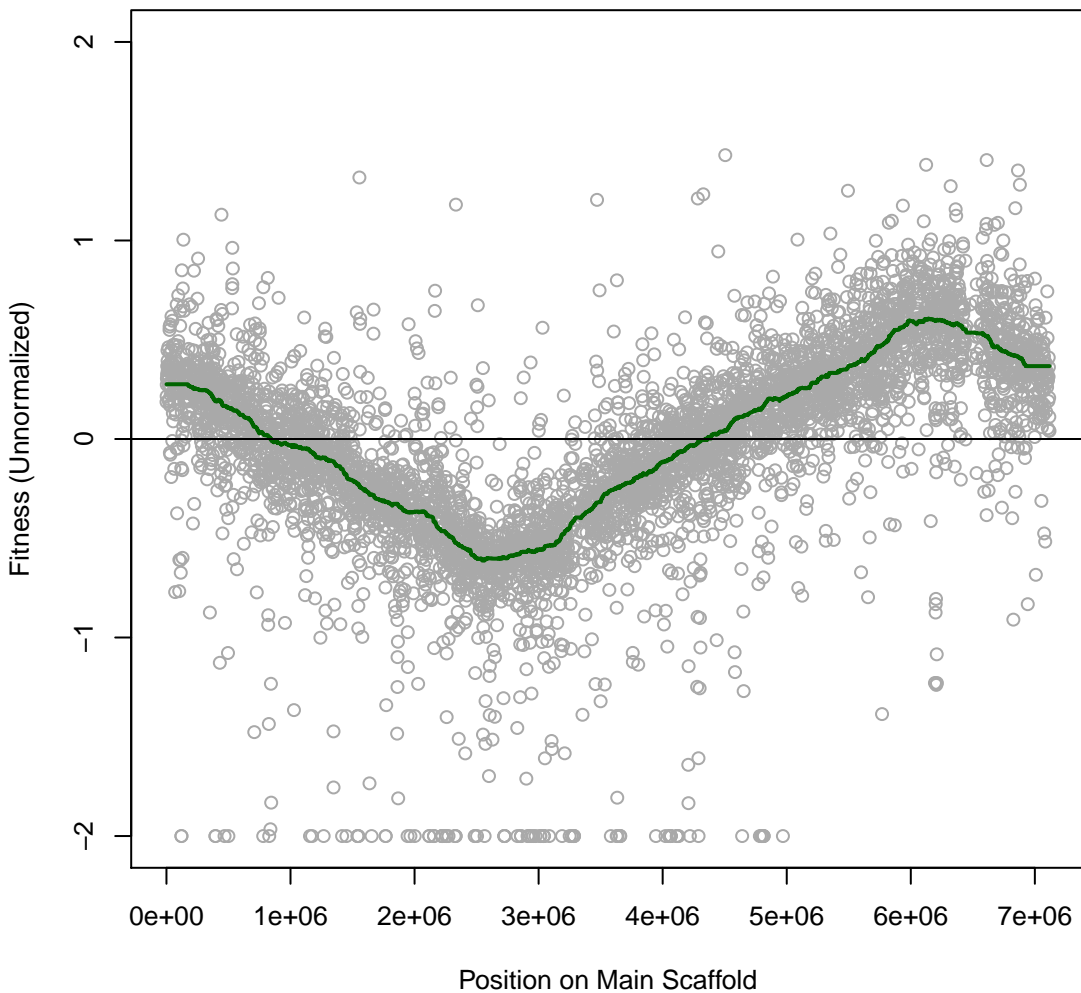
**pseudo5\_N2C3\_1 2IT063 #63 (gMed=174 rho12=0.254)**  
**m-Inositol (C)**



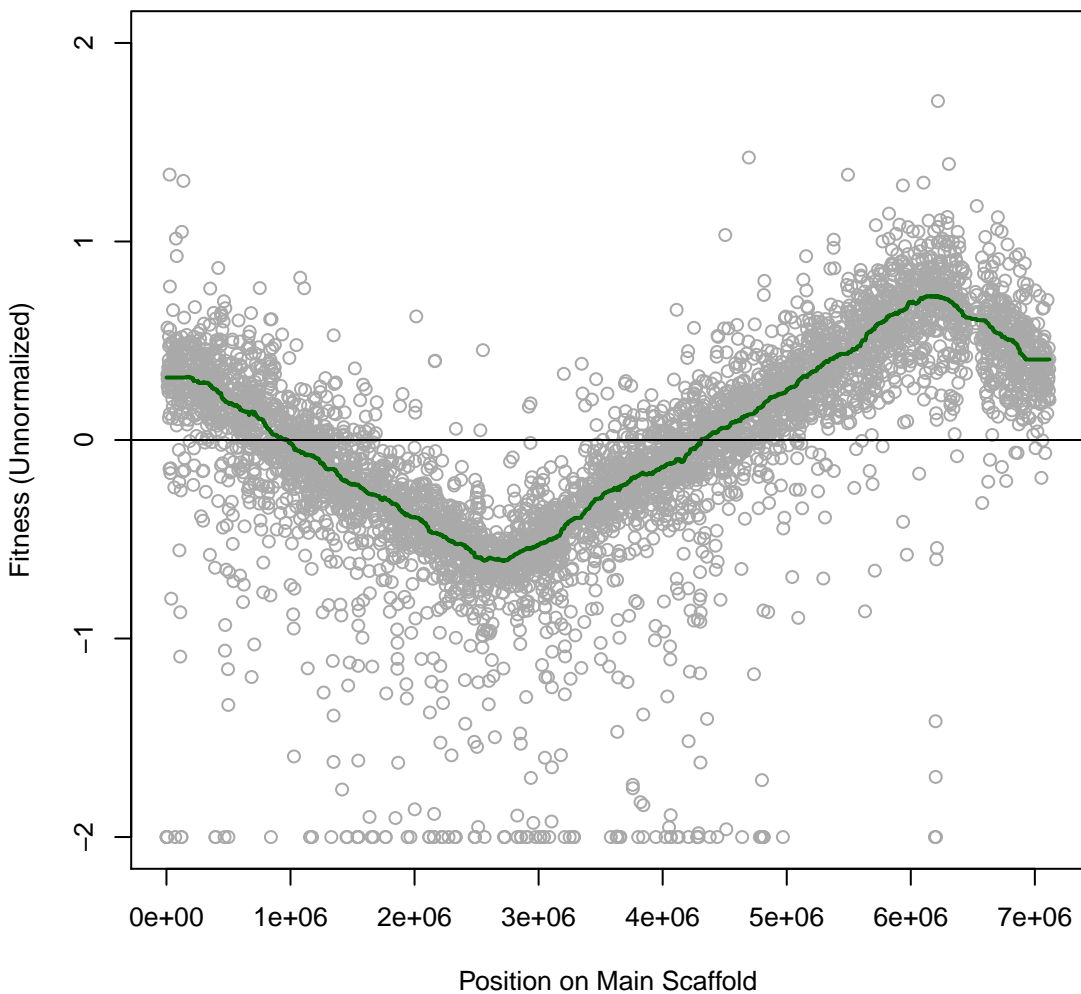
**pseudo5\_N2C3\_1 2IT064 #64 (gMed=158 rho12=0.293)**  
**Ethanol (C)**



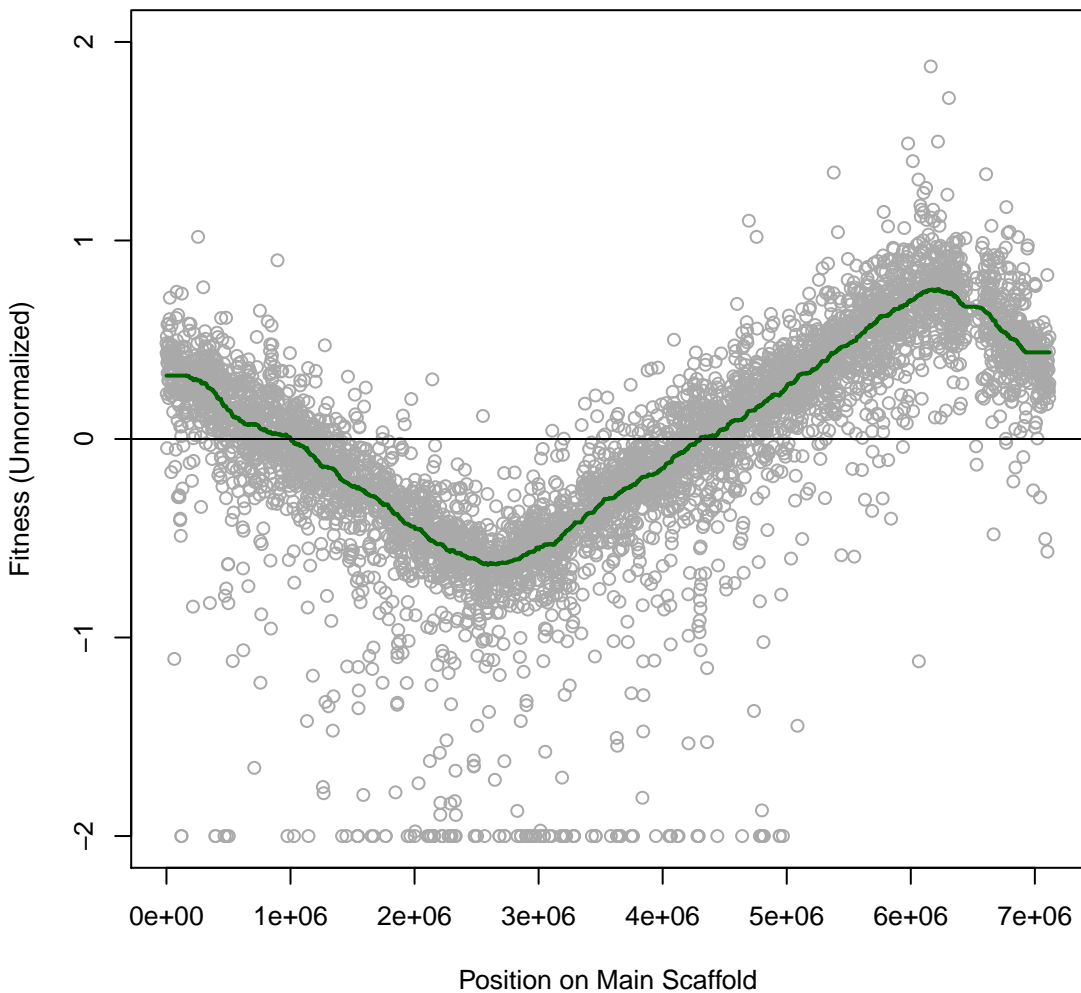
**pseudo5\_N2C3\_1 2IT065 #65 (gMed=135 rho12=0.212)**  
**Glycerol (C)**



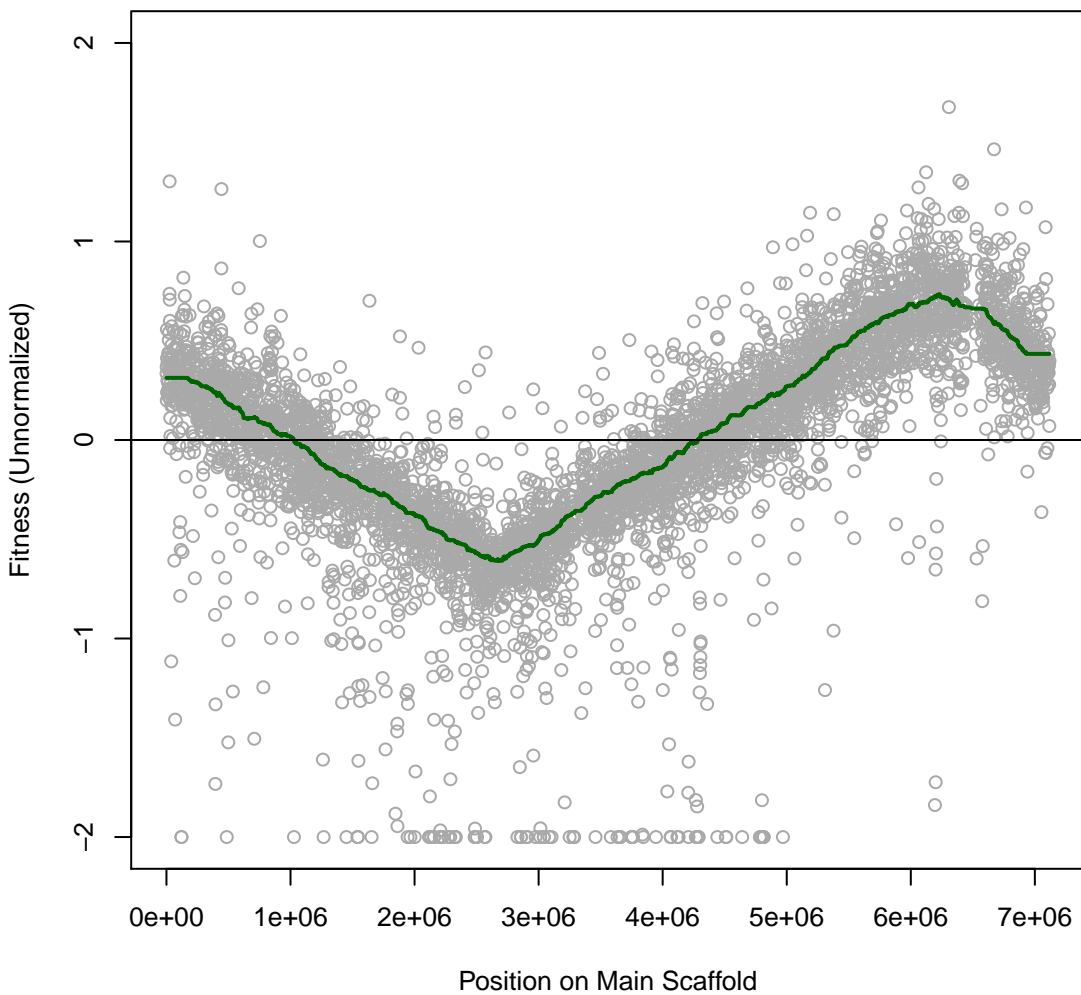
**pseudo5\_N2C3\_1 2IT066 #66 (gMed=167 rho12=0.178)**  
**D-Sorbitol (C)**



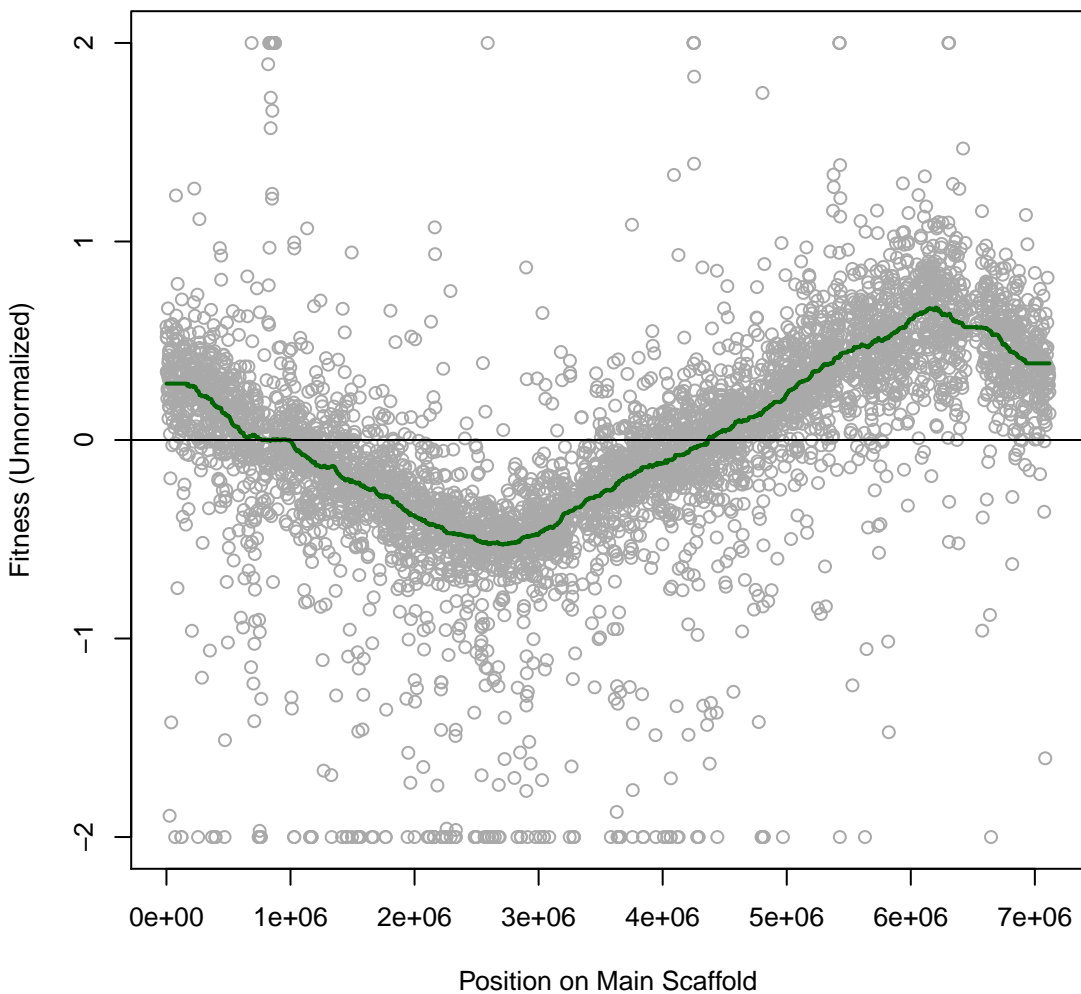
**pseudo5\_N2C3\_1 2IT067 #67 (gMed=163 rho12=0.177)**  
**Tween 20 (C)**



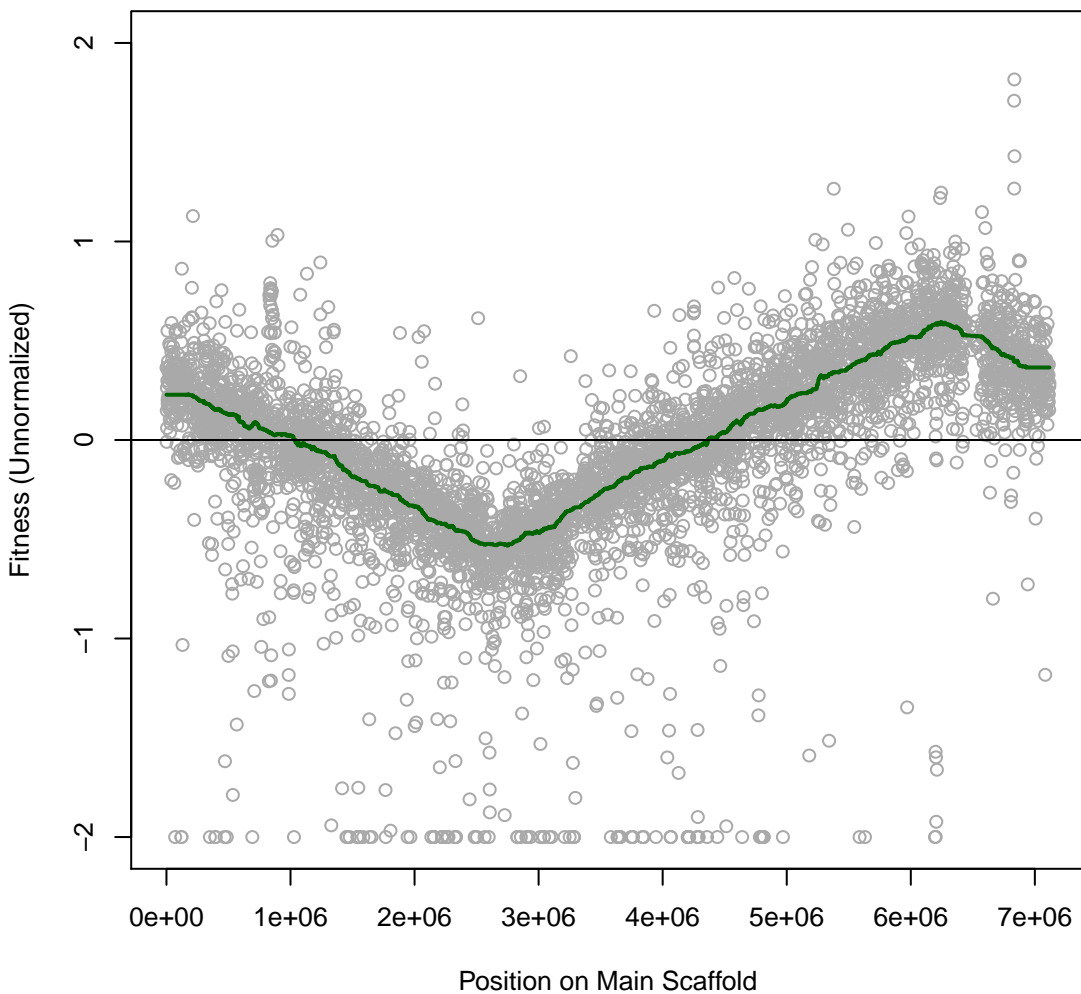
**pseudo5\_N2C3\_1 2IT068 #68 (gMed=133 rho12=0.129)**  
**L-Malic (C)**



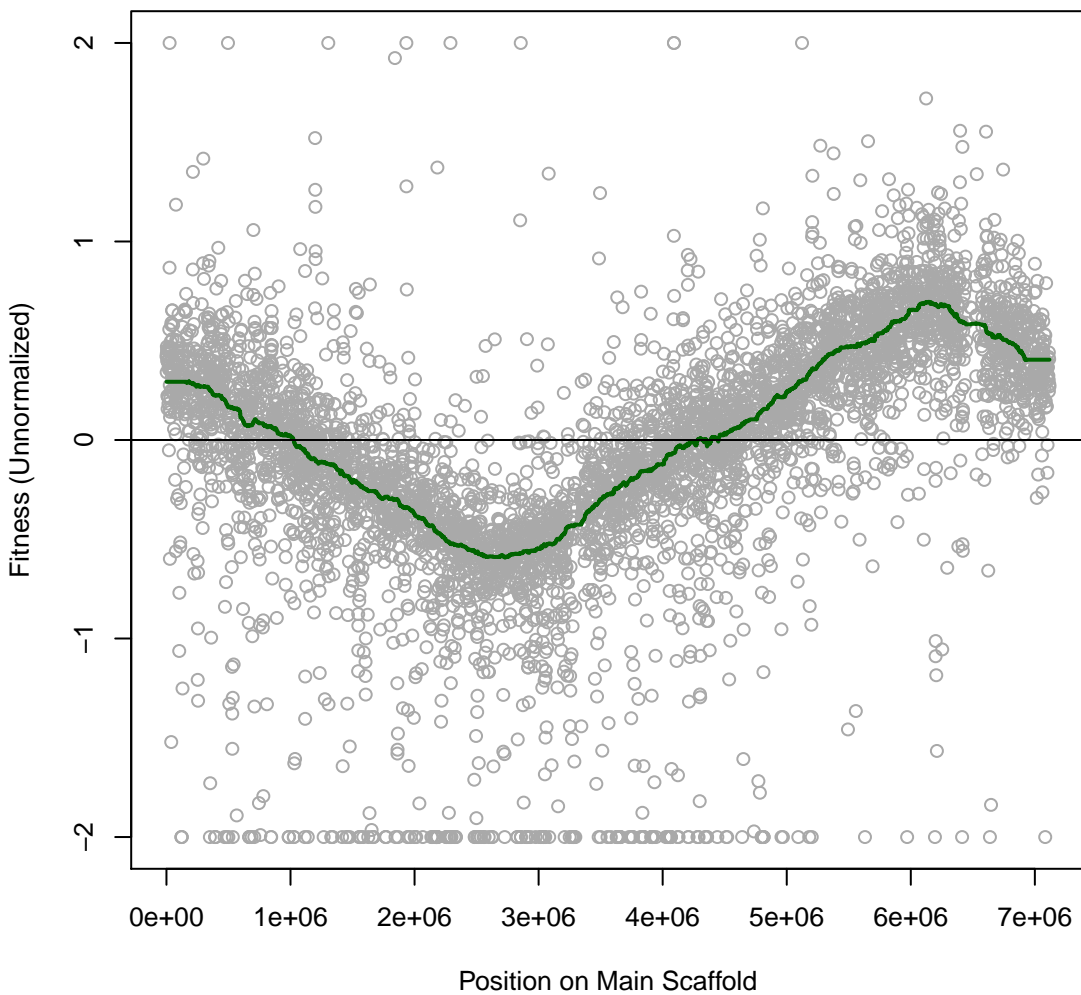
**pseudo5\_N2C3\_1 2IT069 #69 (gMed=120 rho12=0.235)**  
**D-Trehalose (C)**



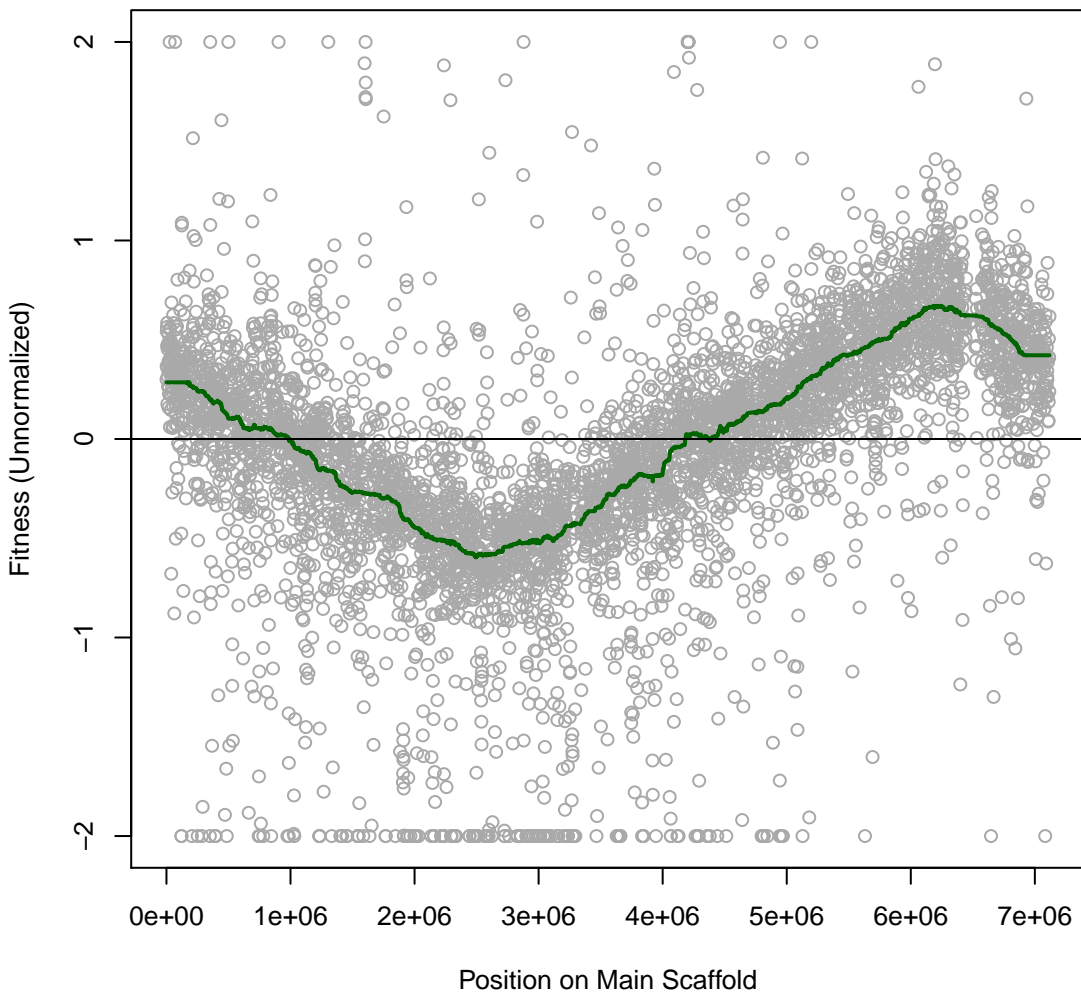
**pseudo5\_N2C3\_1 2IT070 #70 (gMed=153 rho12=0.242)**  
**L-Arginine (C)**



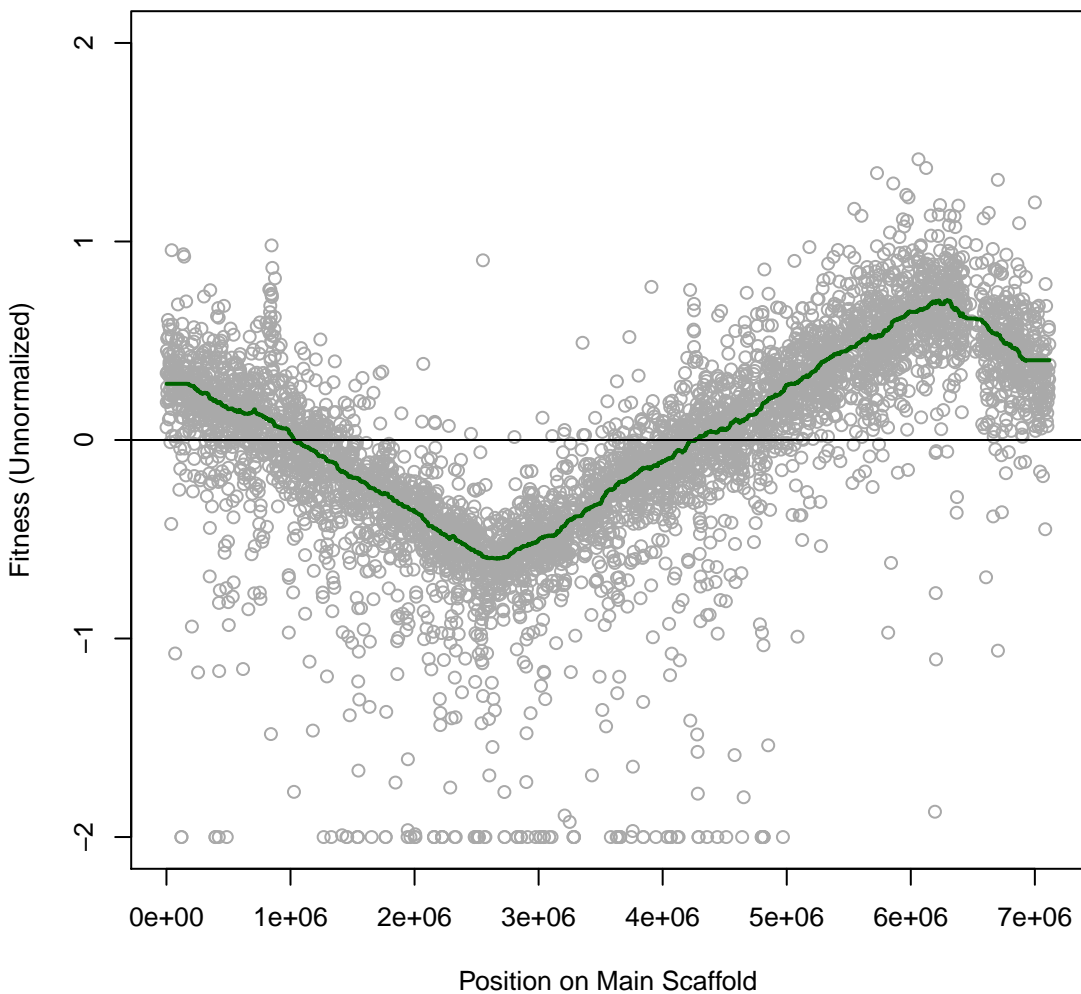
**pseudo5\_N2C3\_1 2IT071 #71 (gMed=151 rho12=0.358)**  
**L-Histidine (C)**



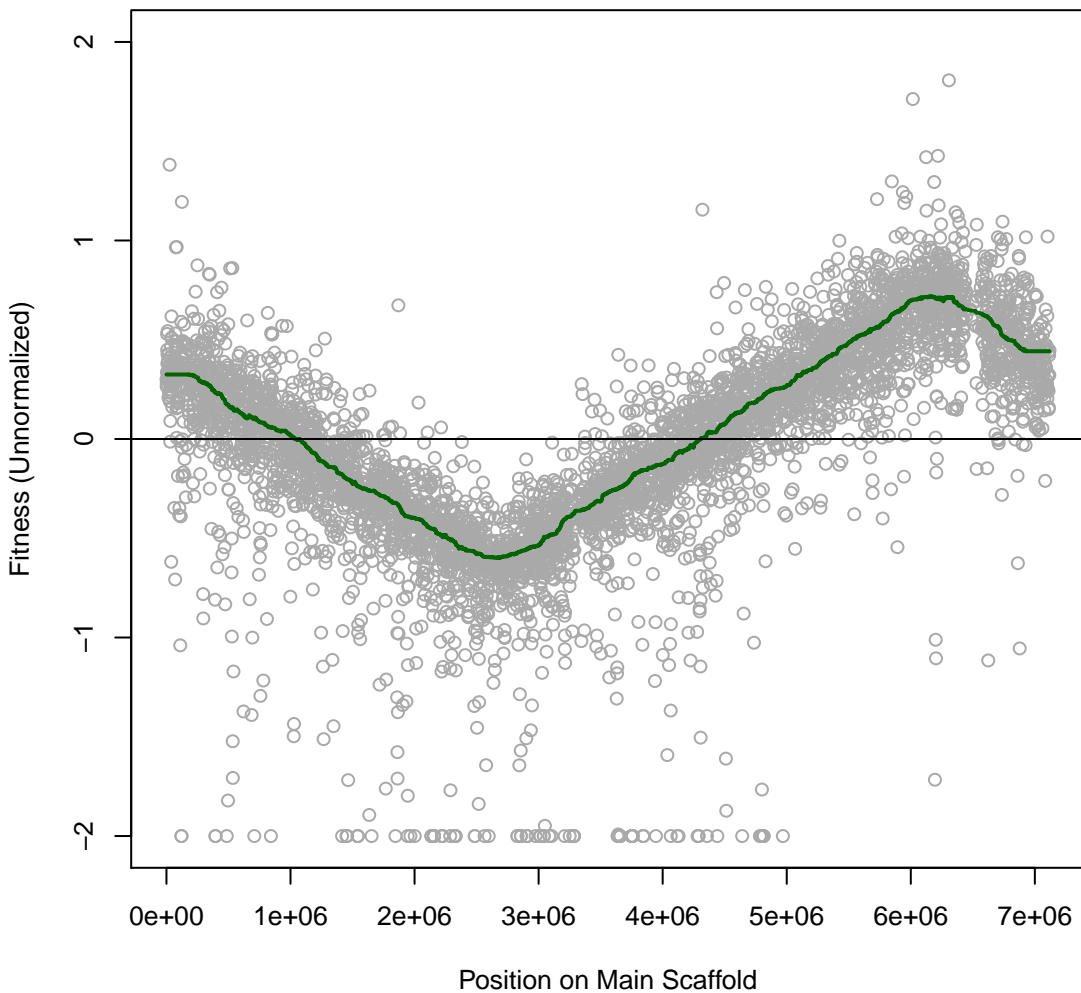
**pseudo5\_N2C3\_1 2IT072 #72 (gMed=134 rho12=0.343)**  
**L-Lysine (C)**



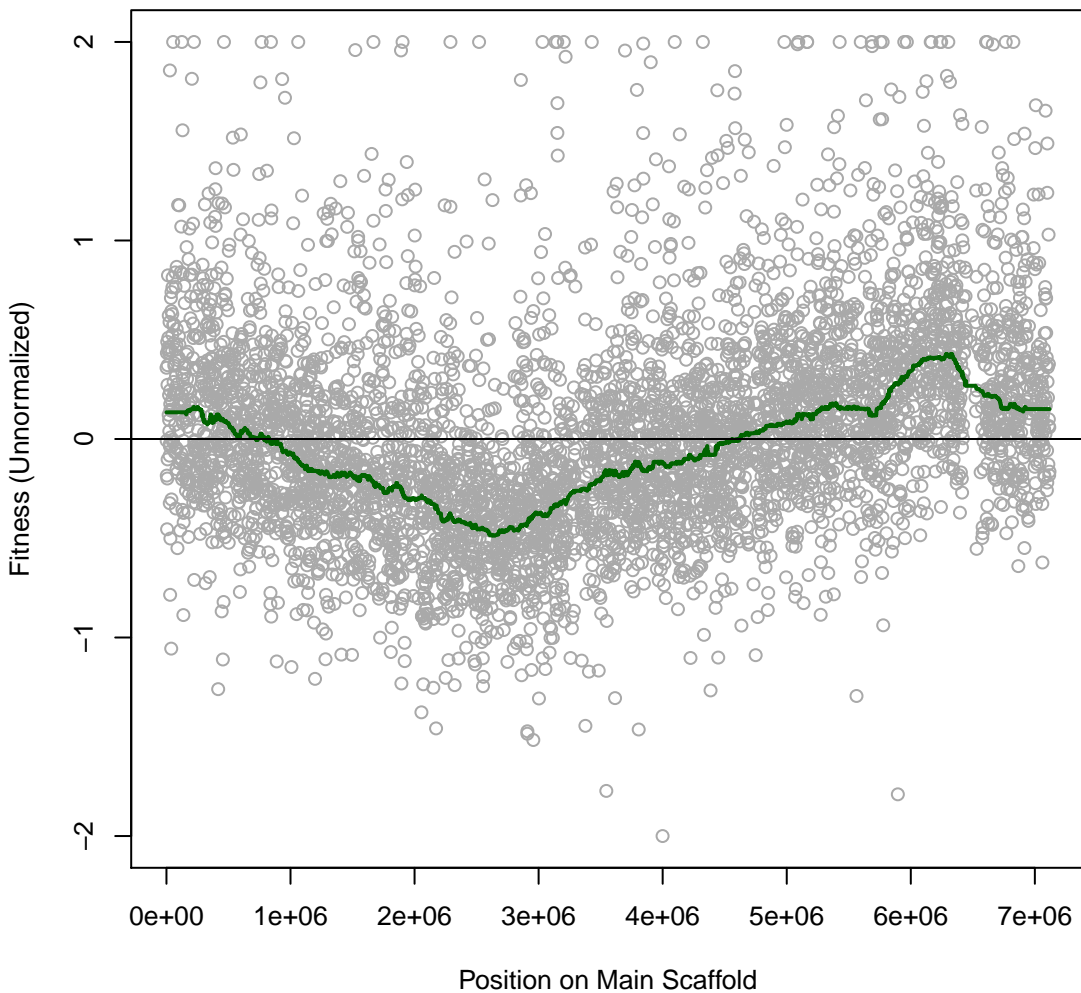
**pseudo5\_N2C3\_1 2IT073 #73 (gMed=137 rho12=0.181)**  
**L-Aspartic Acid (C)**



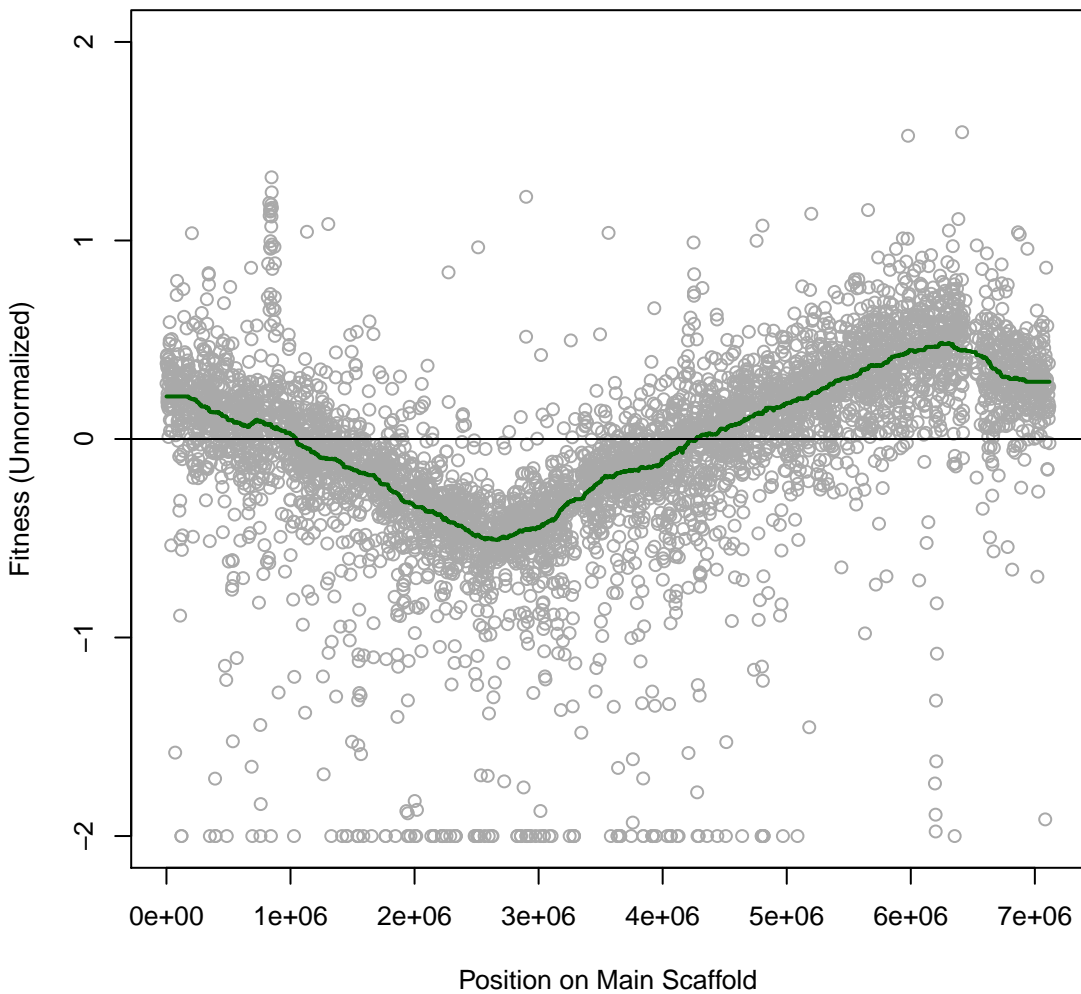
**pseudo5\_N2C3\_1 2IT074 #74 (gMed=145 rho12=0.151)**  
**L-Glutamic (C)**



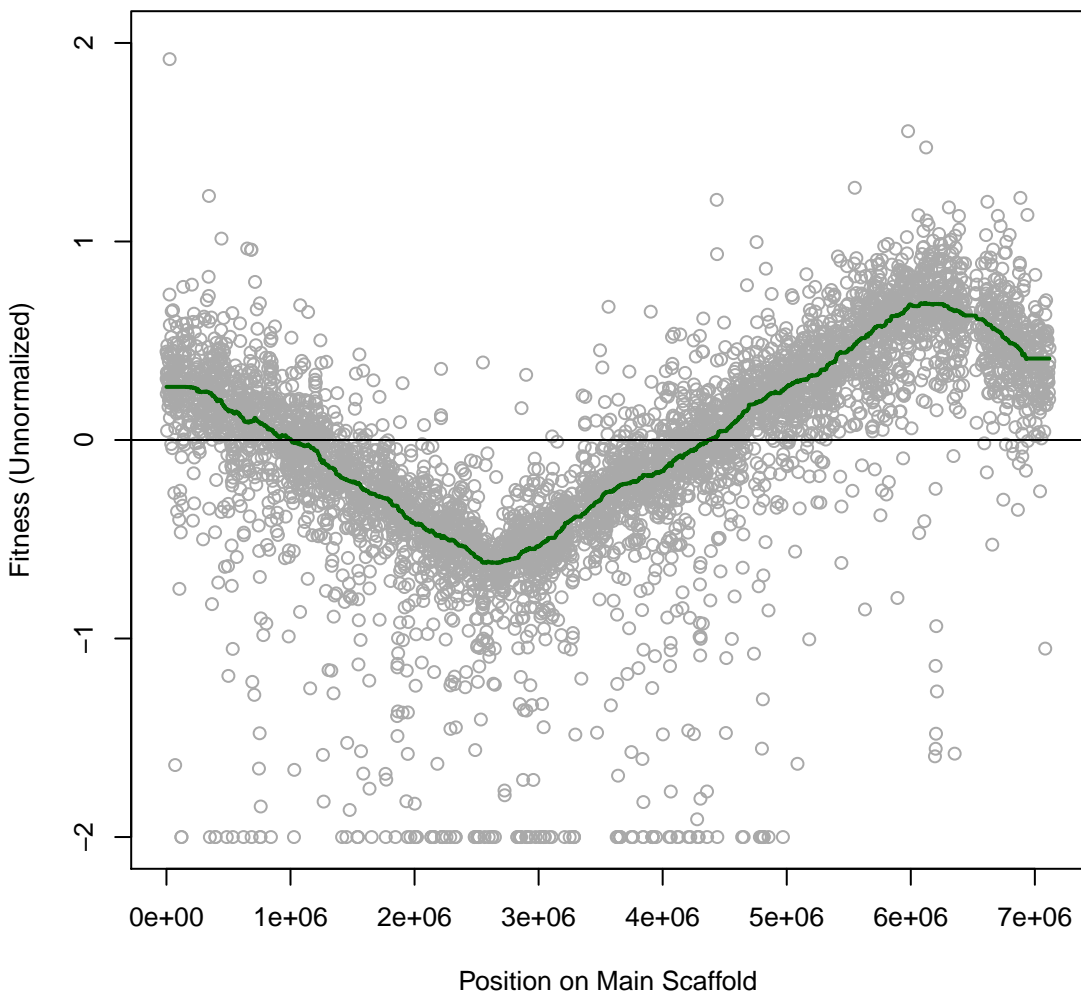
**pseudo5\_N2C3\_1 2IT075 #75 (gMed=0 rho12=0.108)**  
**L-Serine (C)**



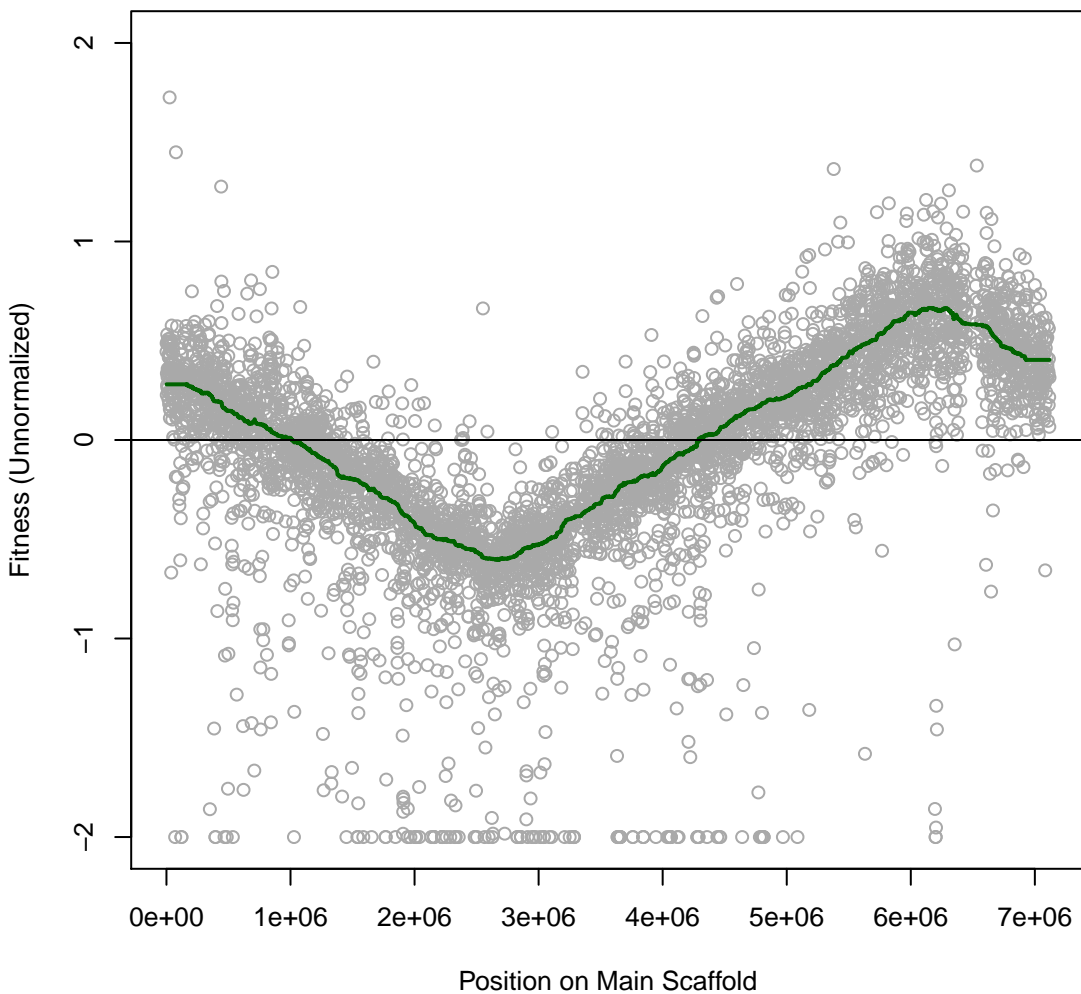
**pseudo5\_N2C3\_1 2IT076 #76 (gMed=170 rho12=0.251)**  
**L-Asparagine (C)**



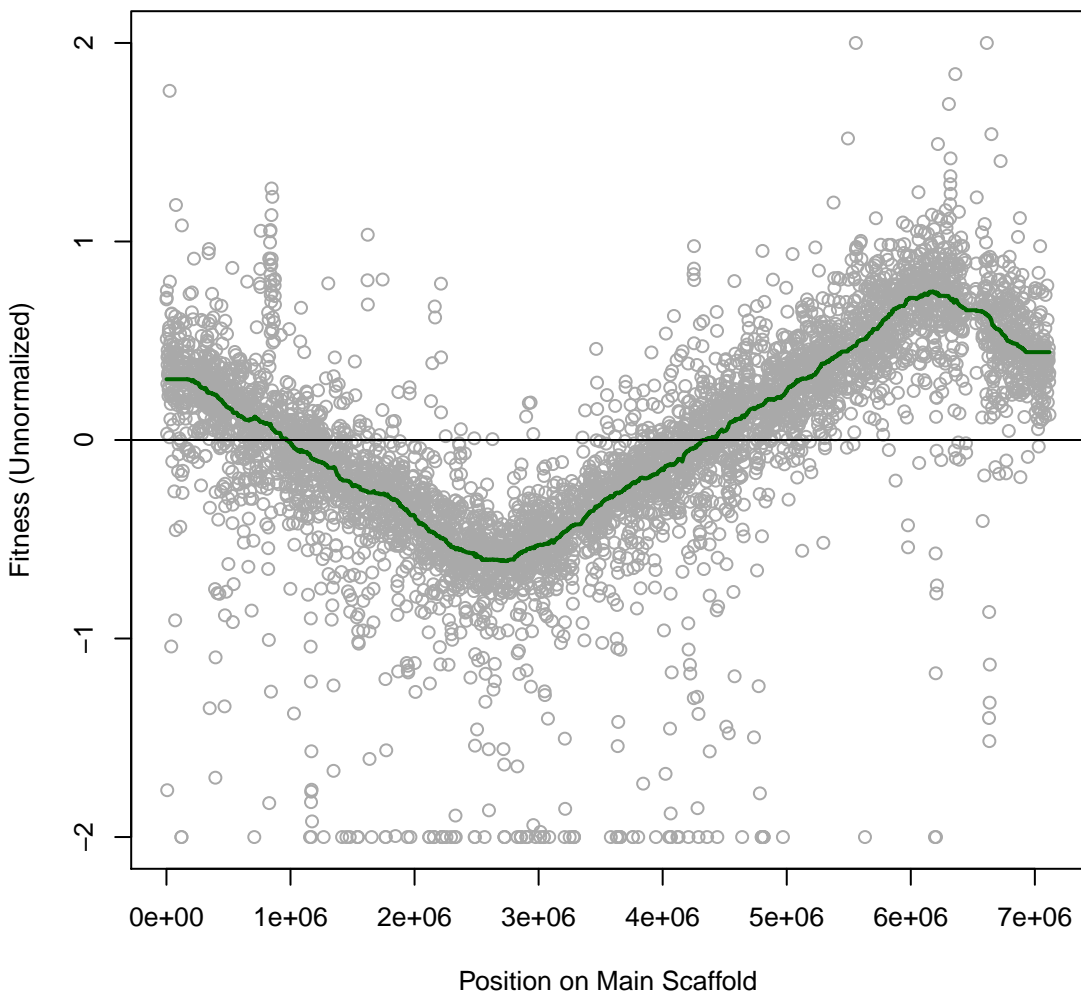
**pseudo5\_N2C3\_1 2IT077 #77 (gMed=143 rho12=0.203)**  
**L-Glutamine (C)**



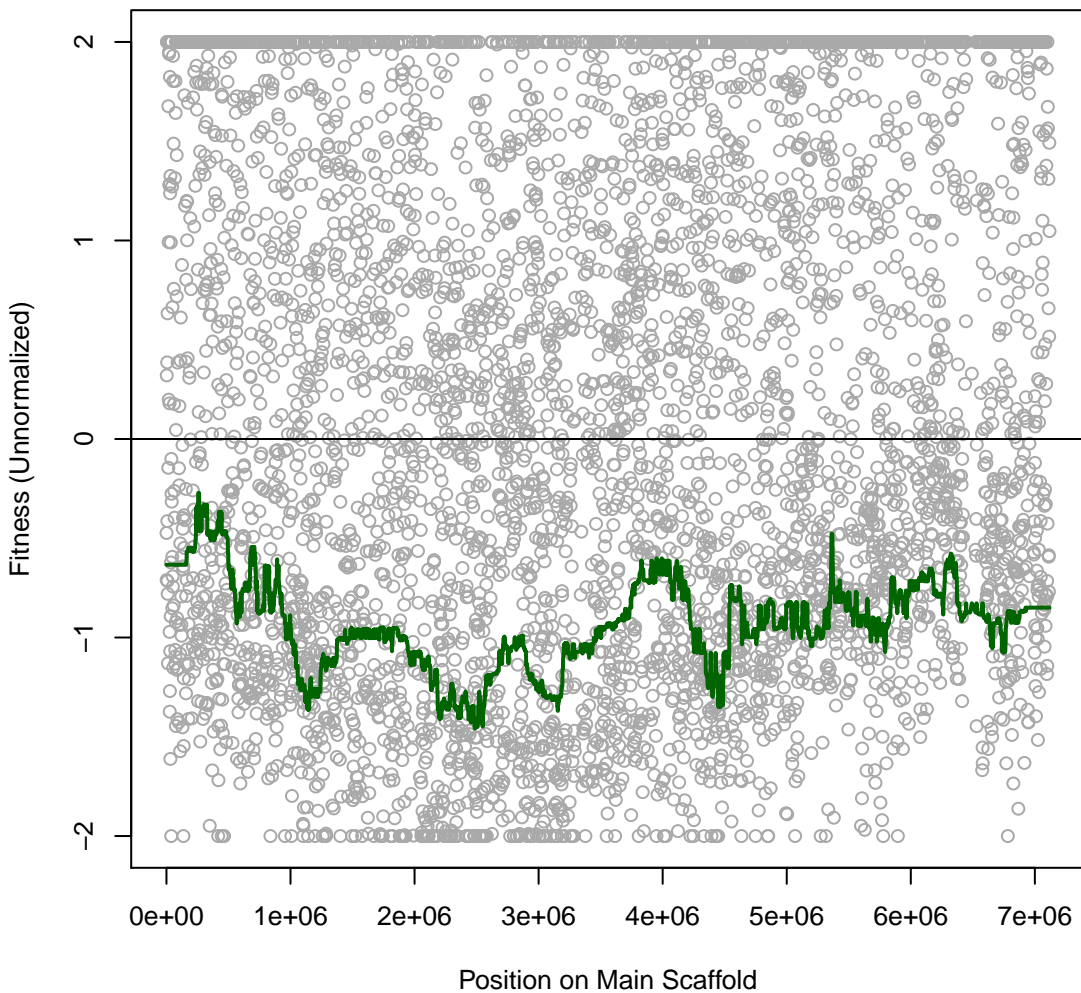
**pseudo5\_N2C3\_1 2IT078 #78 (gMed=162 rho12=0.241)**  
**L-Proline (C)**



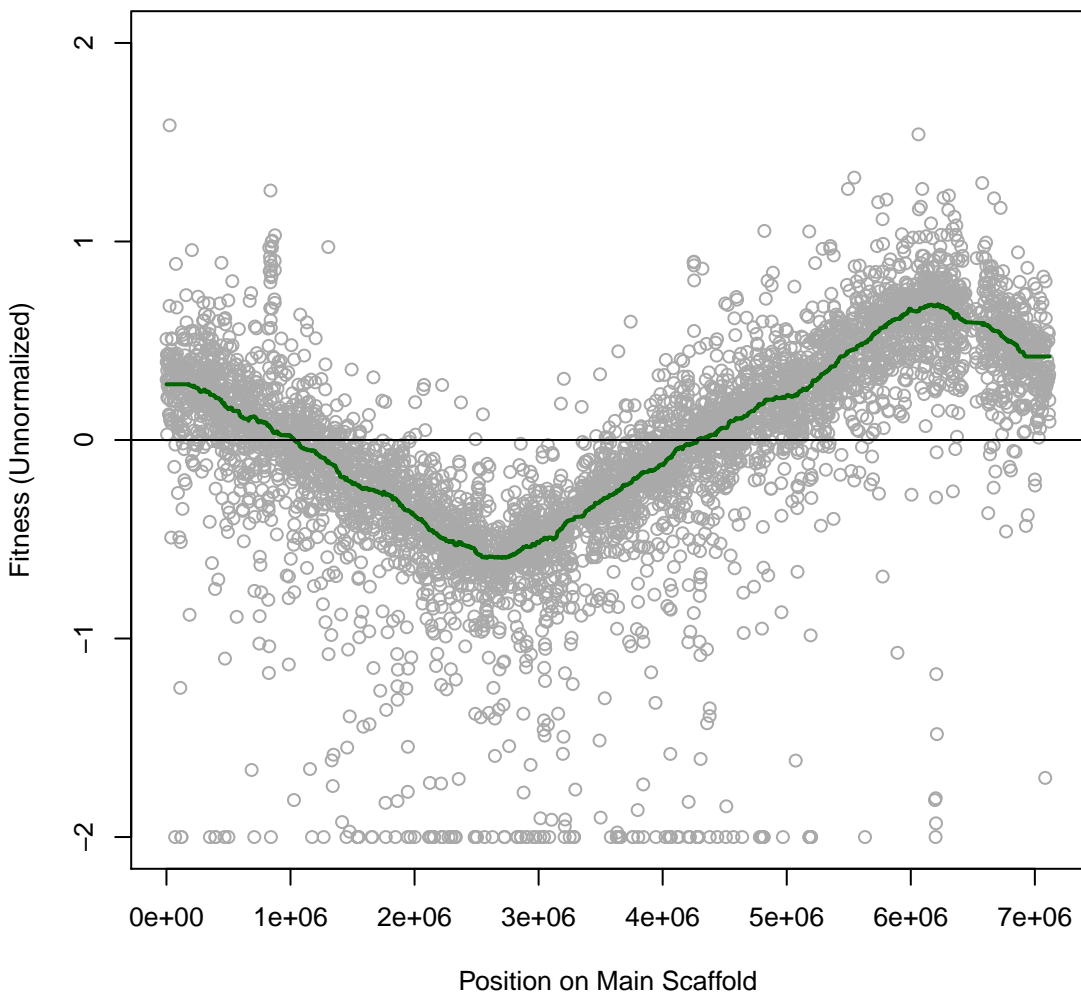
**pseudo5\_N2C3\_1 2IT079 #79 (gMed=162 rho12=0.251)**  
**D-Mannitol (C)**



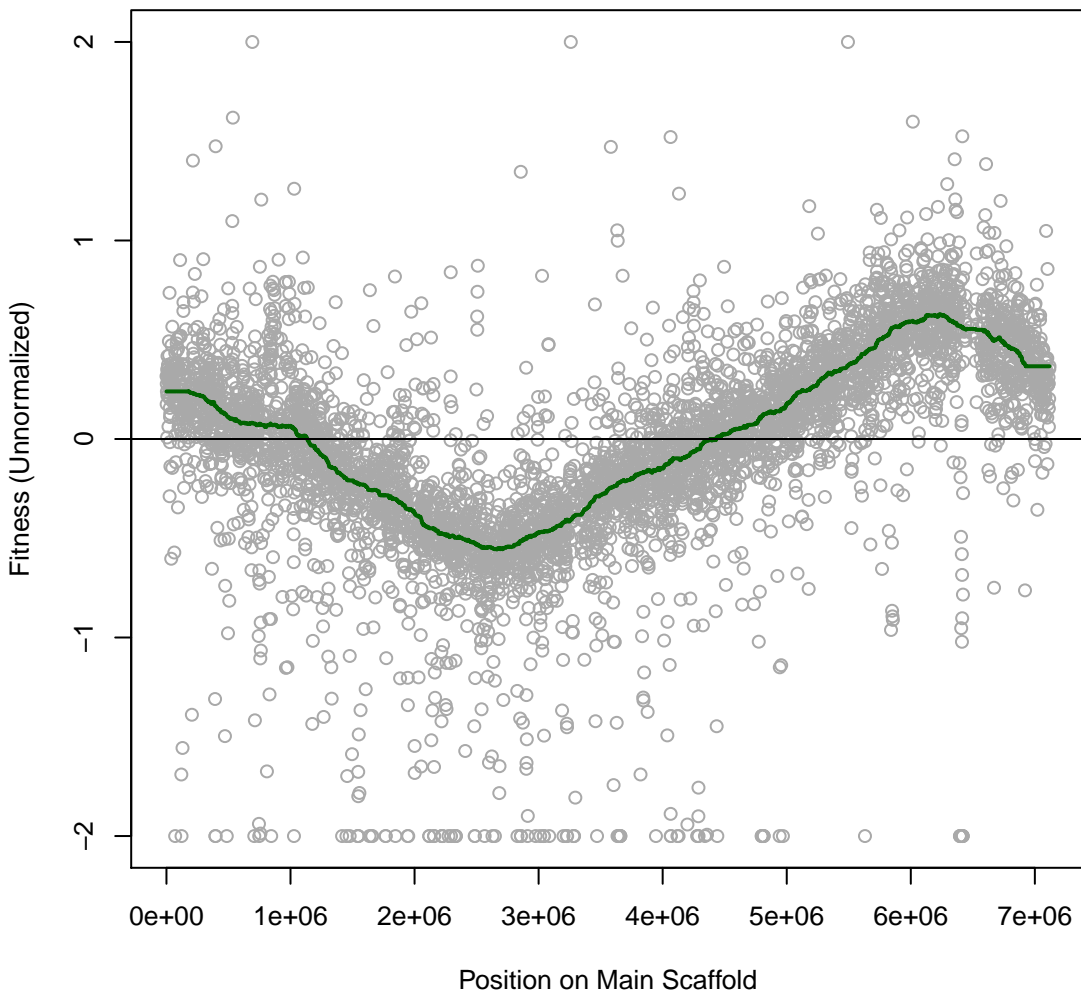
**pseudo5\_N2C3\_1 2IT080 #80 (gMed=18 rho12=0.090)**  
**4-Hydroxybenzoic Acid (C)**



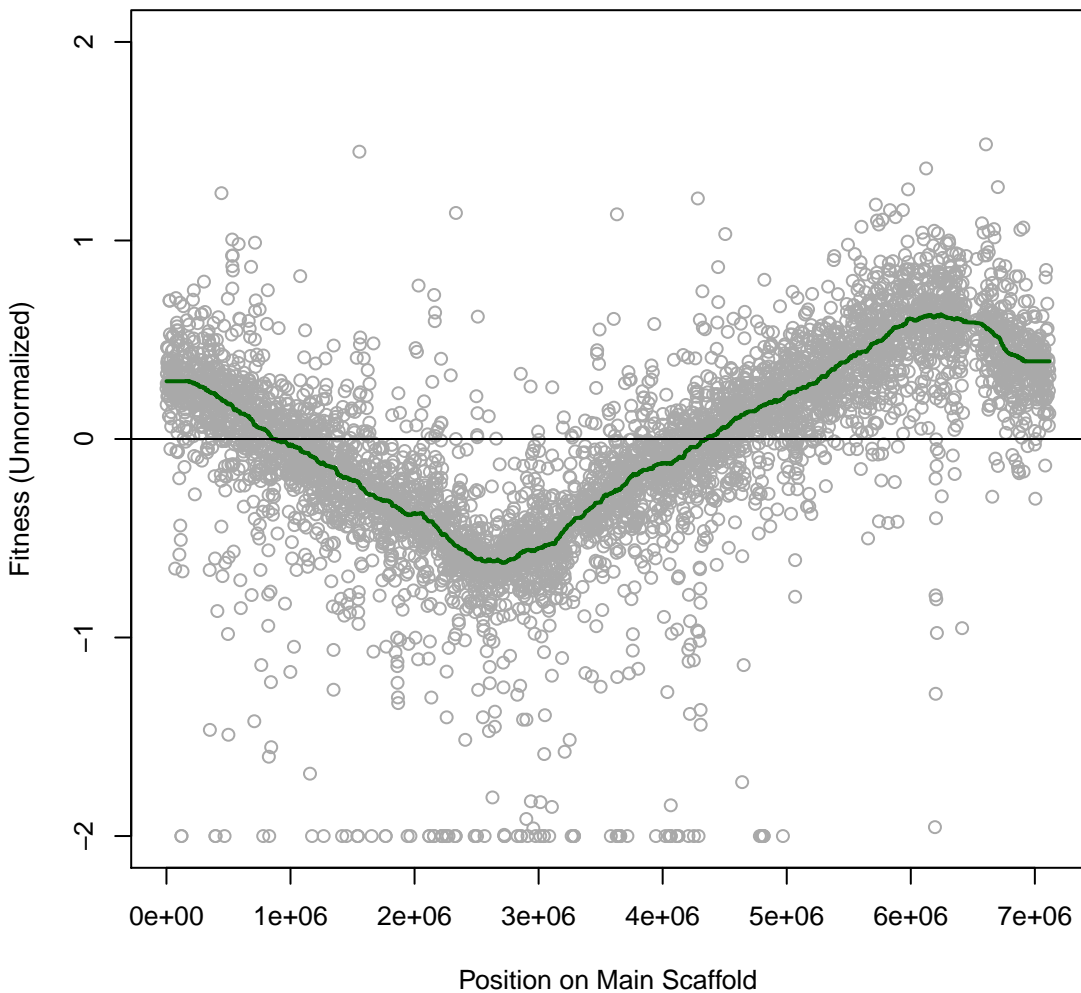
**pseudo5\_N2C3\_1 2IT081 #81 (gMed=142 rho12=0.235)**  
**m-Inositol (C)**



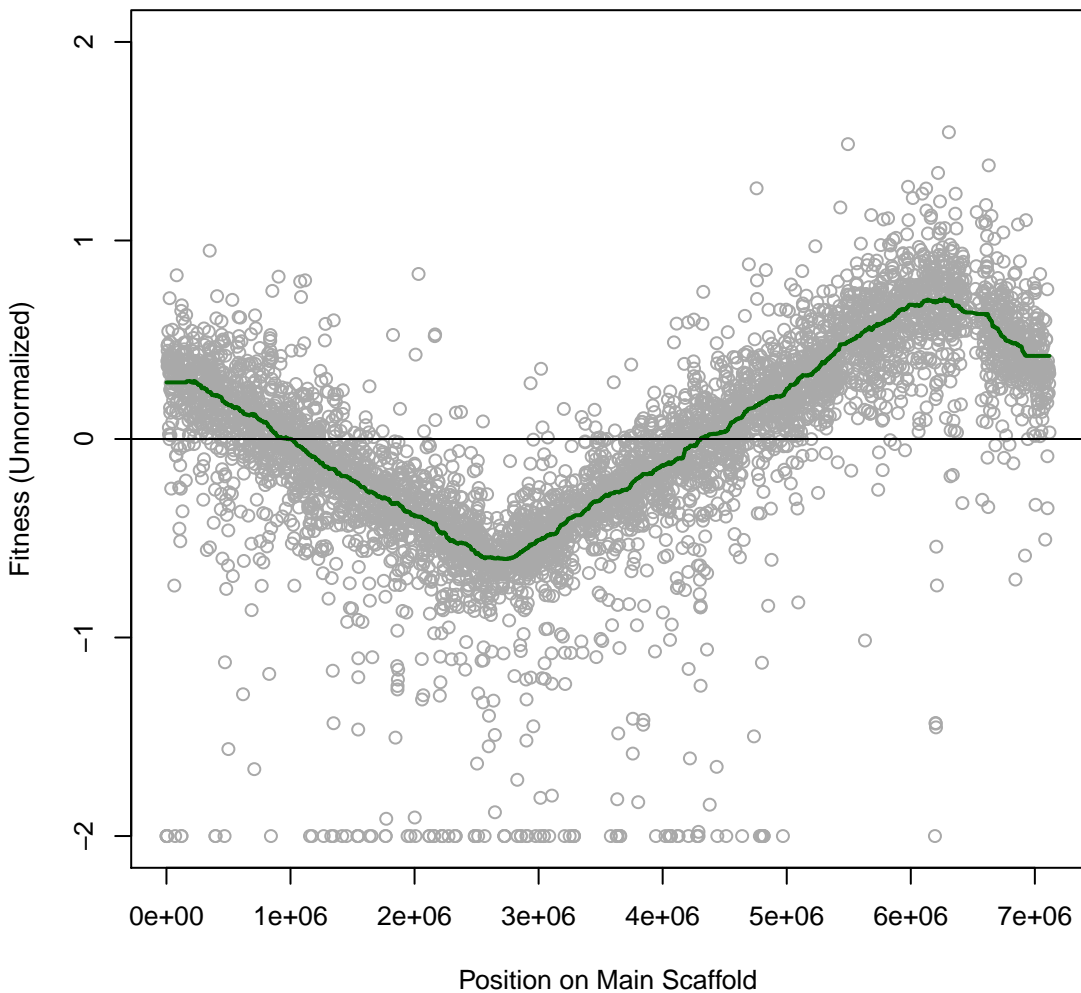
**pseudo5\_N2C3\_1 2IT082 #82 (gMed=156 rho12=0.285)**  
**Ethanol (C)**



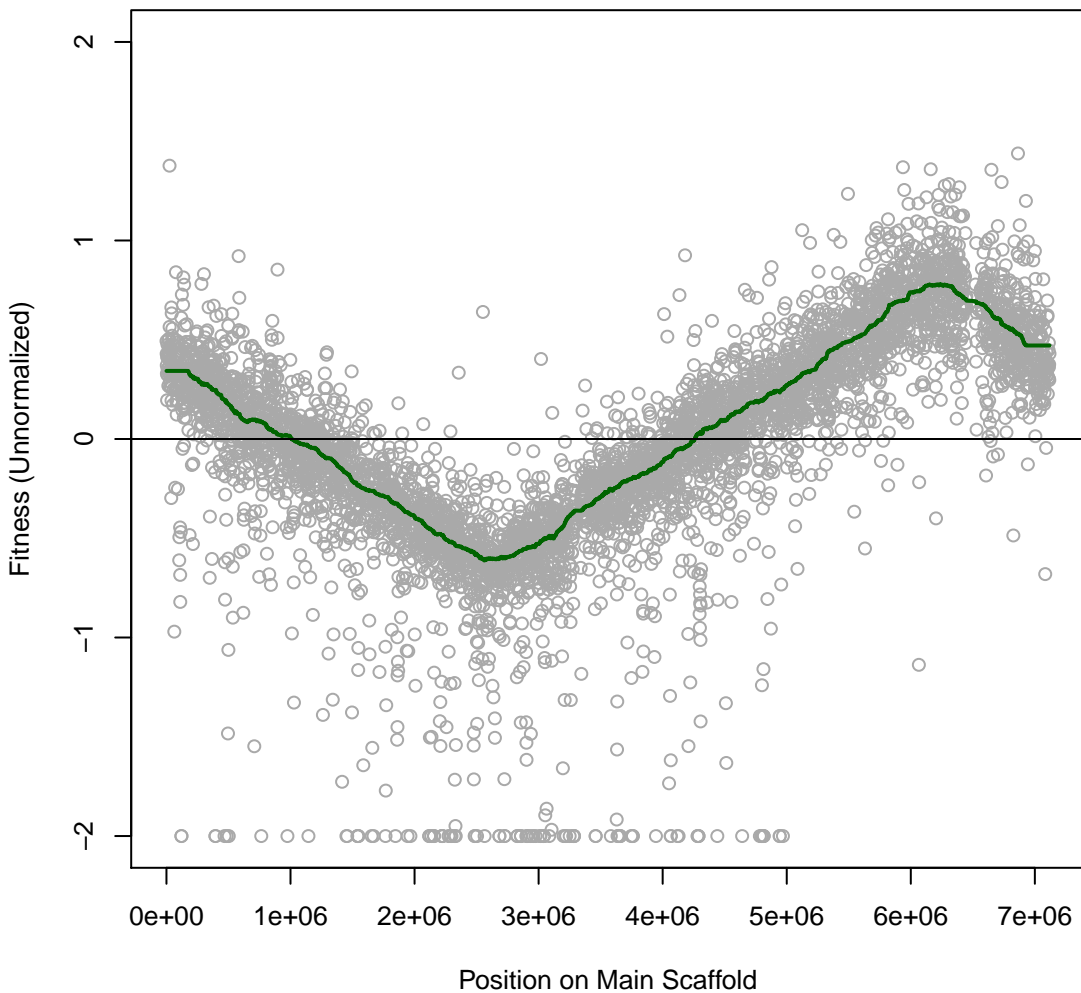
**pseudo5\_N2C3\_1 2IT083 #83 (gMed=151 rho12=0.206)**  
**Glycerol (C)**



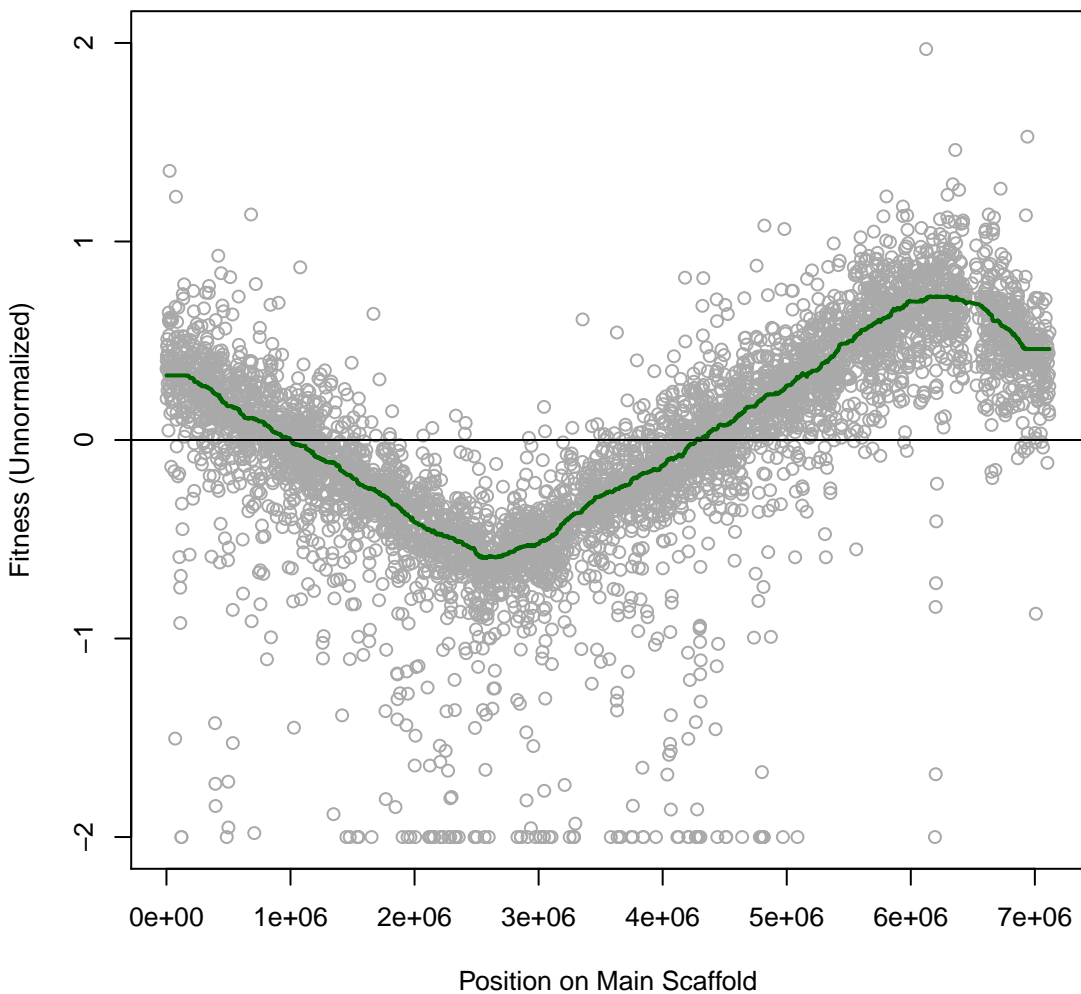
**pseudo5\_N2C3\_1 2IT084 #84 (gMed=183 rho12=0.184)**  
**D-Sorbitol (C)**



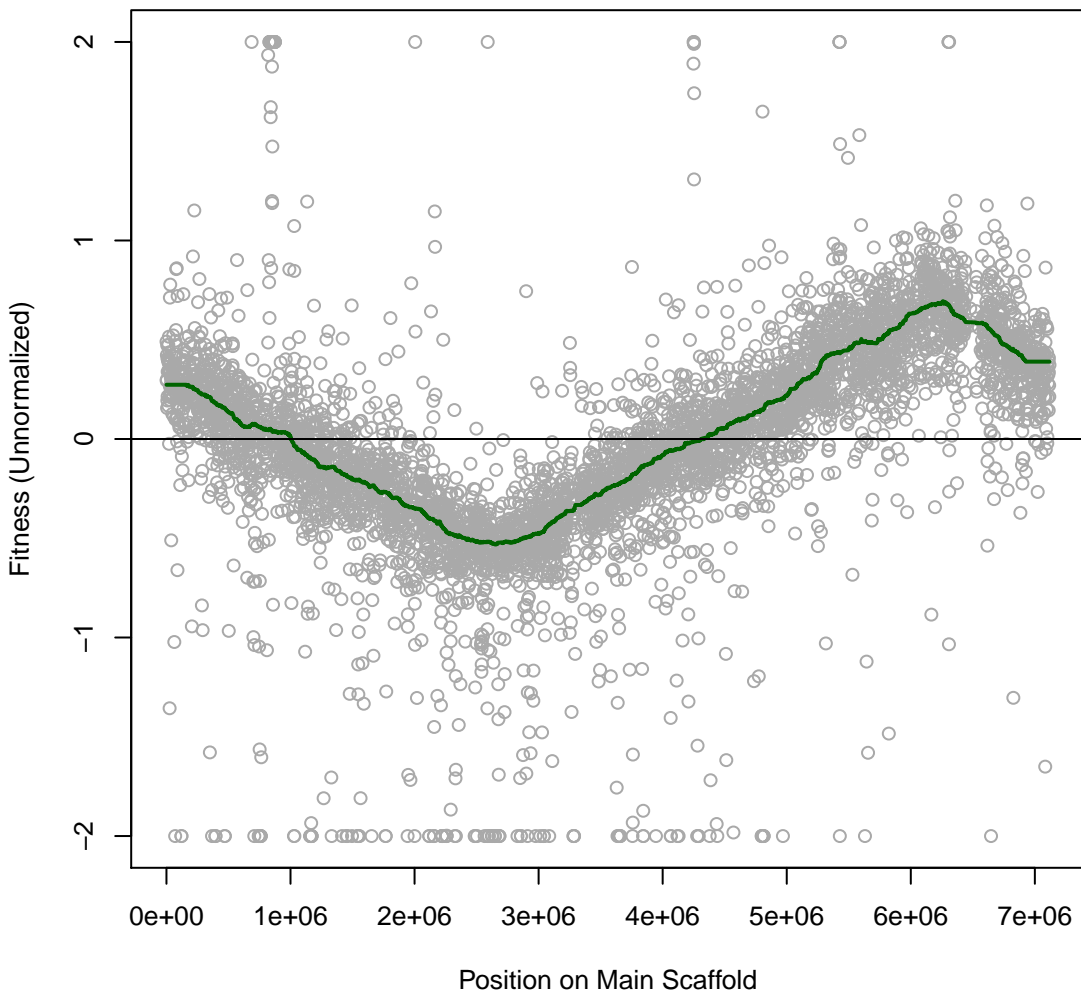
**pseudo5\_N2C3\_1 2IT085 #85 (gMed=180 rho12=0.182)**  
**Tween 20 (C)**



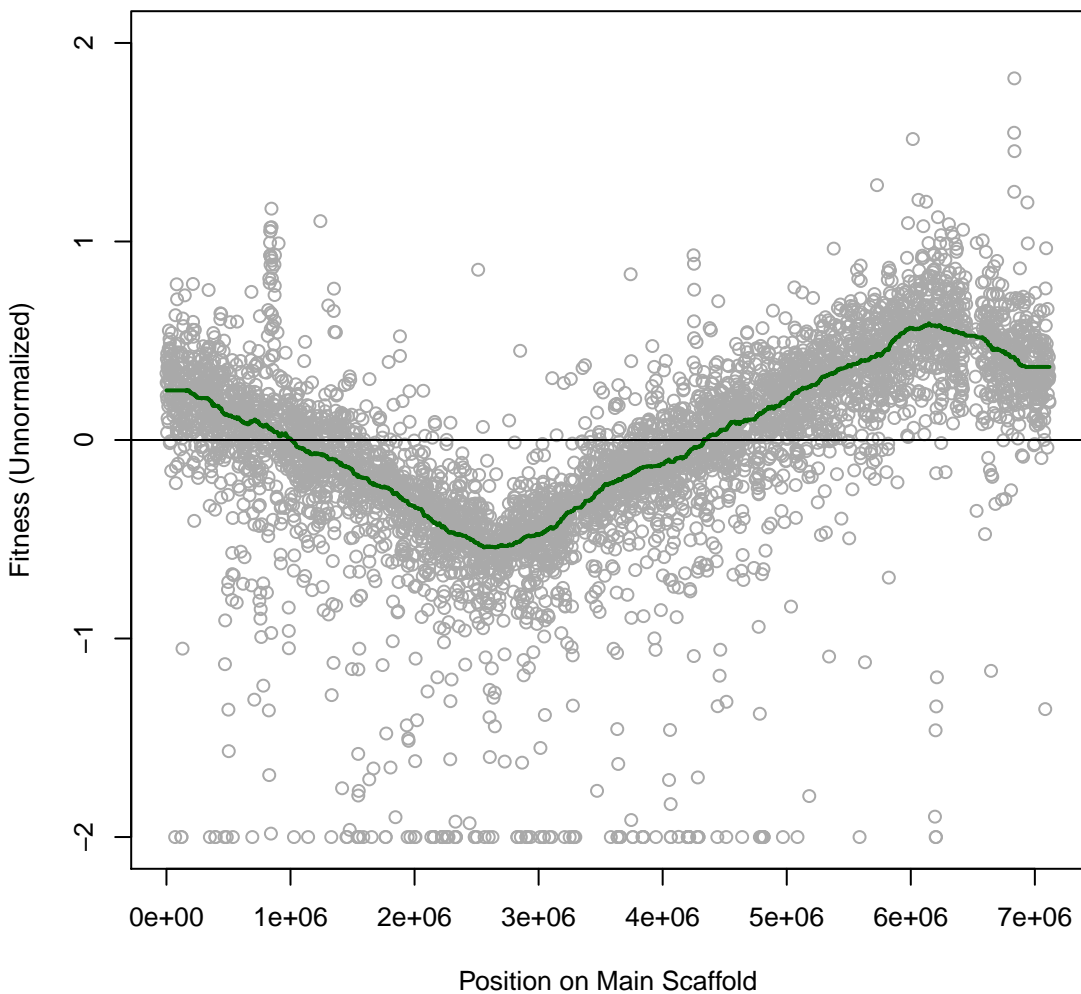
**pseudo5\_N2C3\_1 2IT086 #86 (gMed=150 rho12=0.148)**  
**L-Malic (C)**



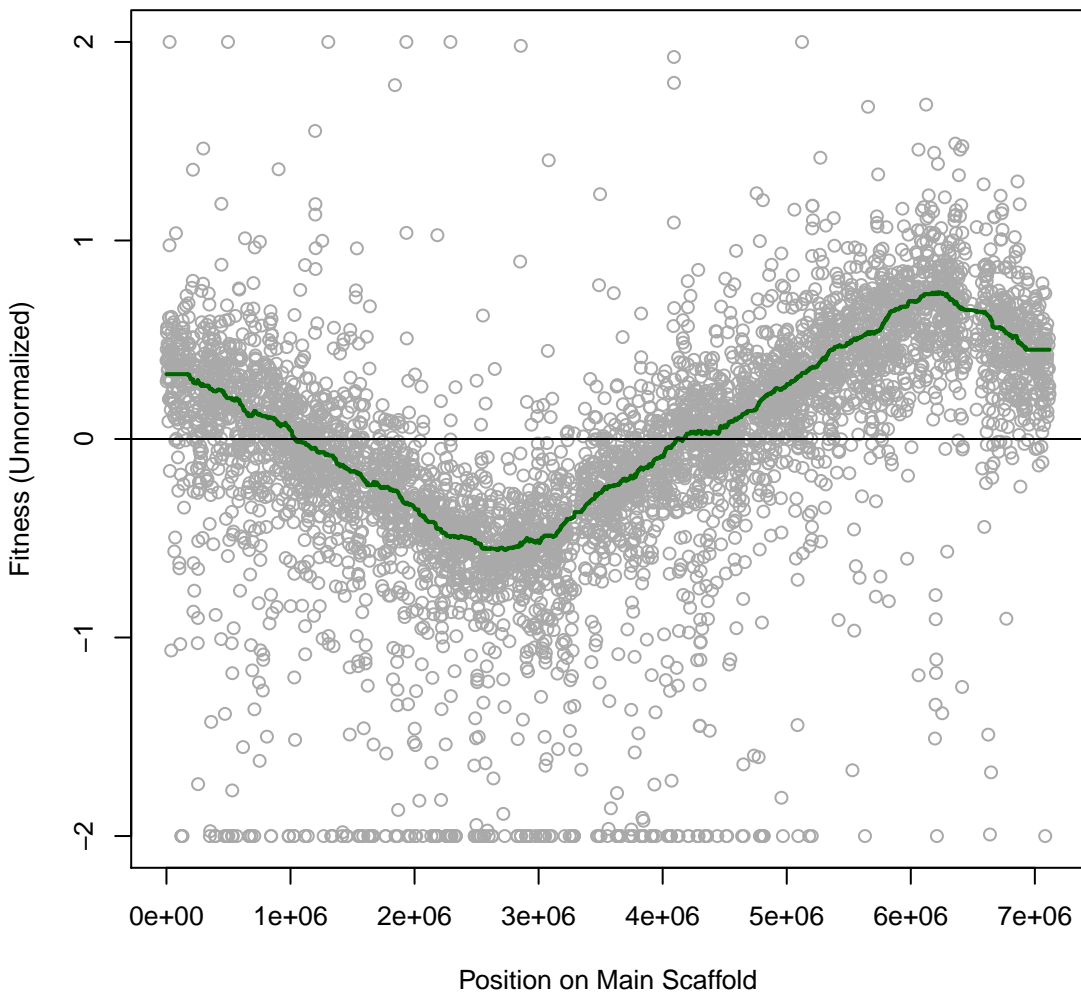
**pseudo5\_N2C3\_1 2IT087 #87 (gMed=182 rho12=0.272)**  
**D-Trehalose (C)**



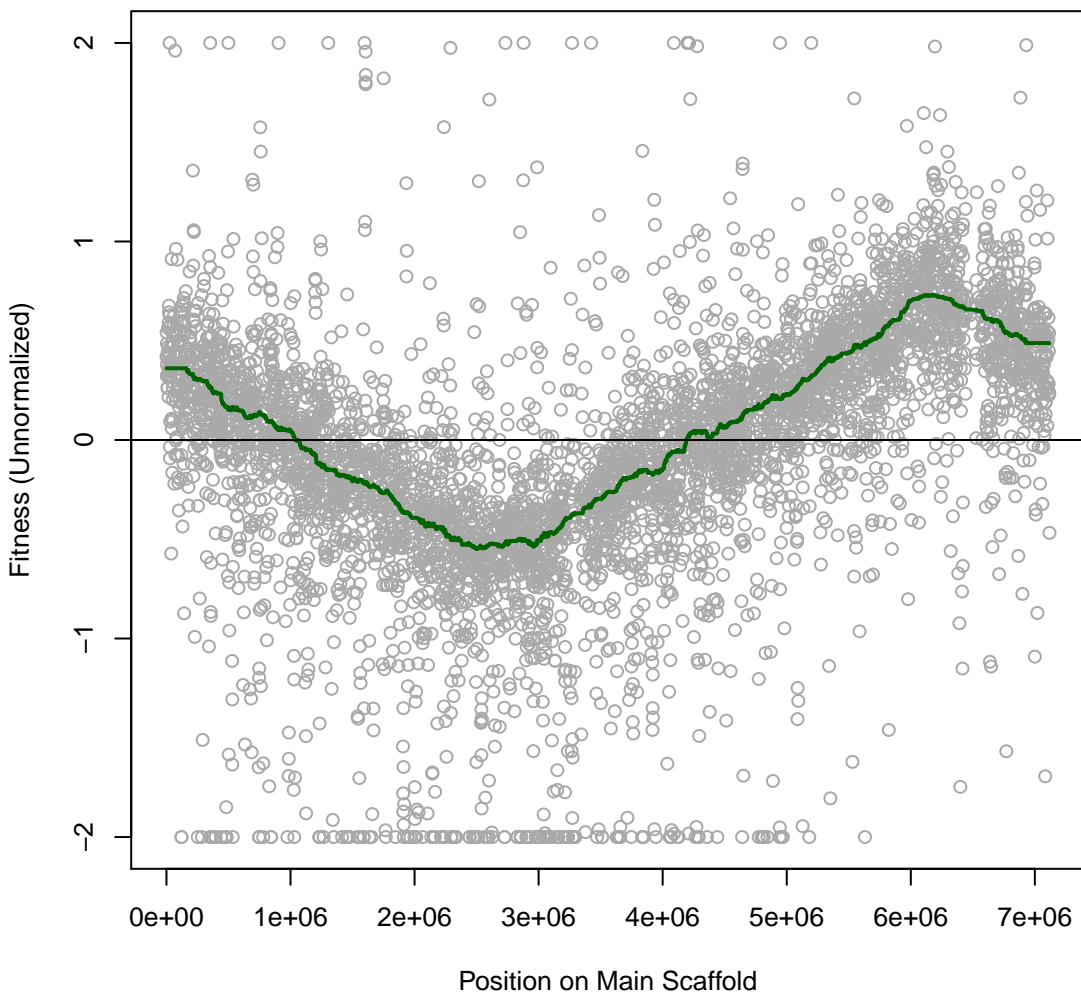
**pseudo5\_N2C3\_1 2IT088 #88 (gMed=149 rho12=0.225)**  
**L-Arginine (C)**



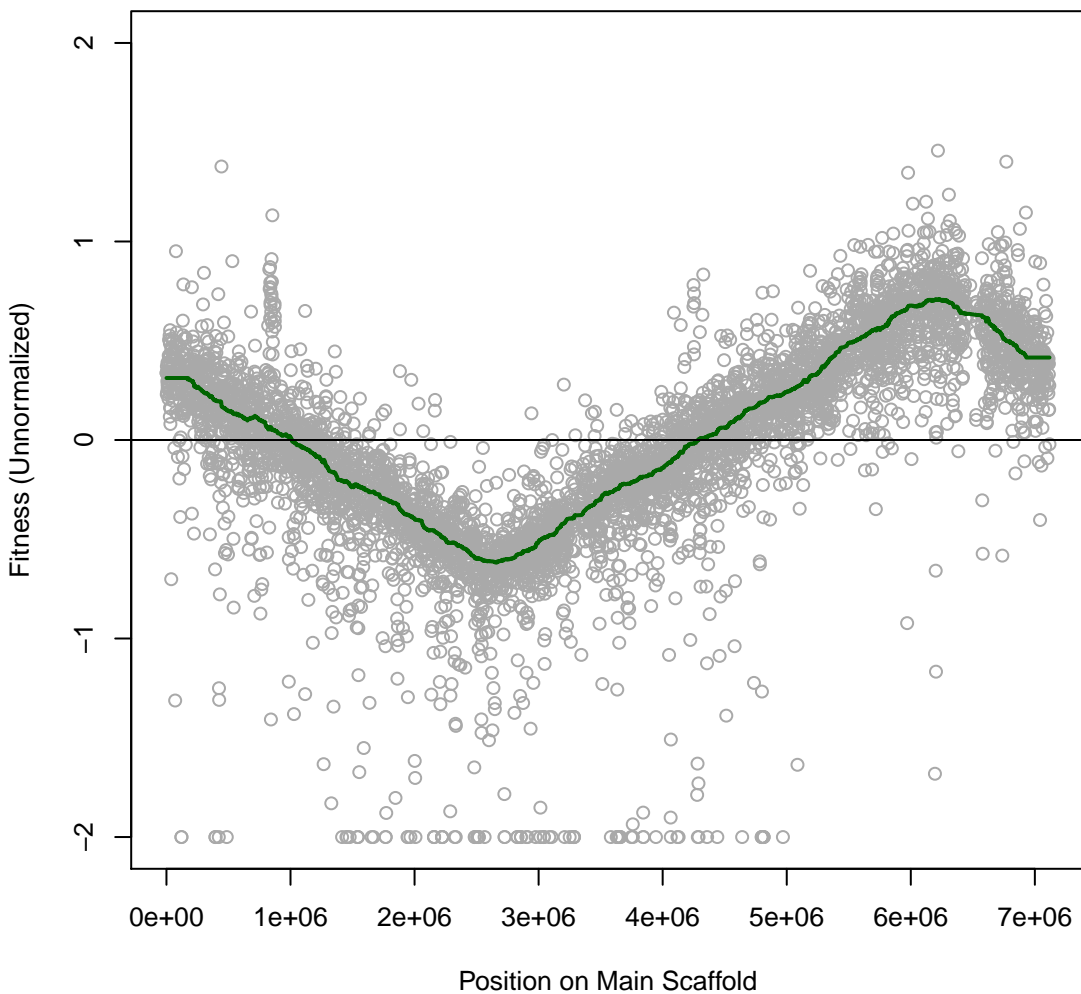
**pseudo5\_N2C3\_1 2IT089 #89 (gMed=141 rho12=0.368)**  
**L-Histidine (C)**



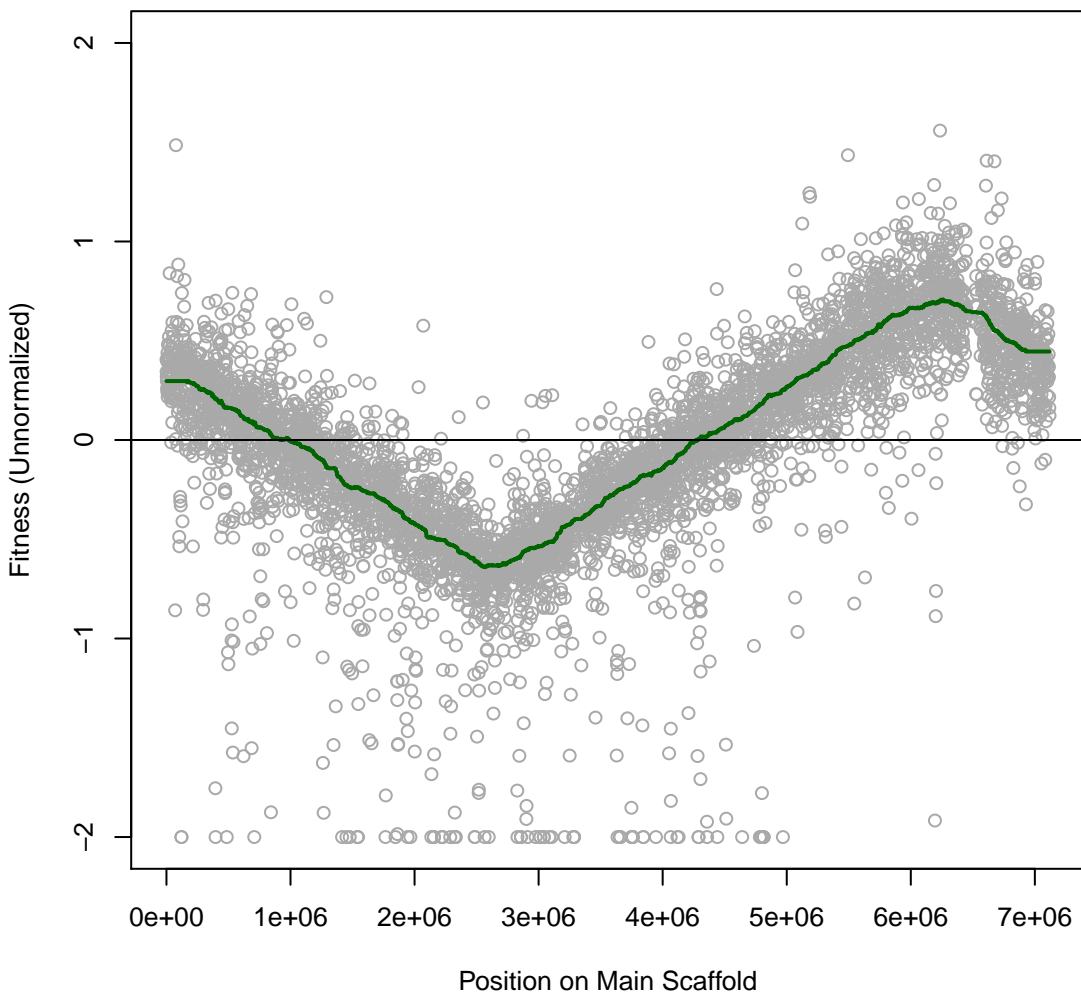
**pseudo5\_N2C3\_1 2IT090 #90 (gMed=97 rho12=0.354)**  
**L-Lysine (C)**



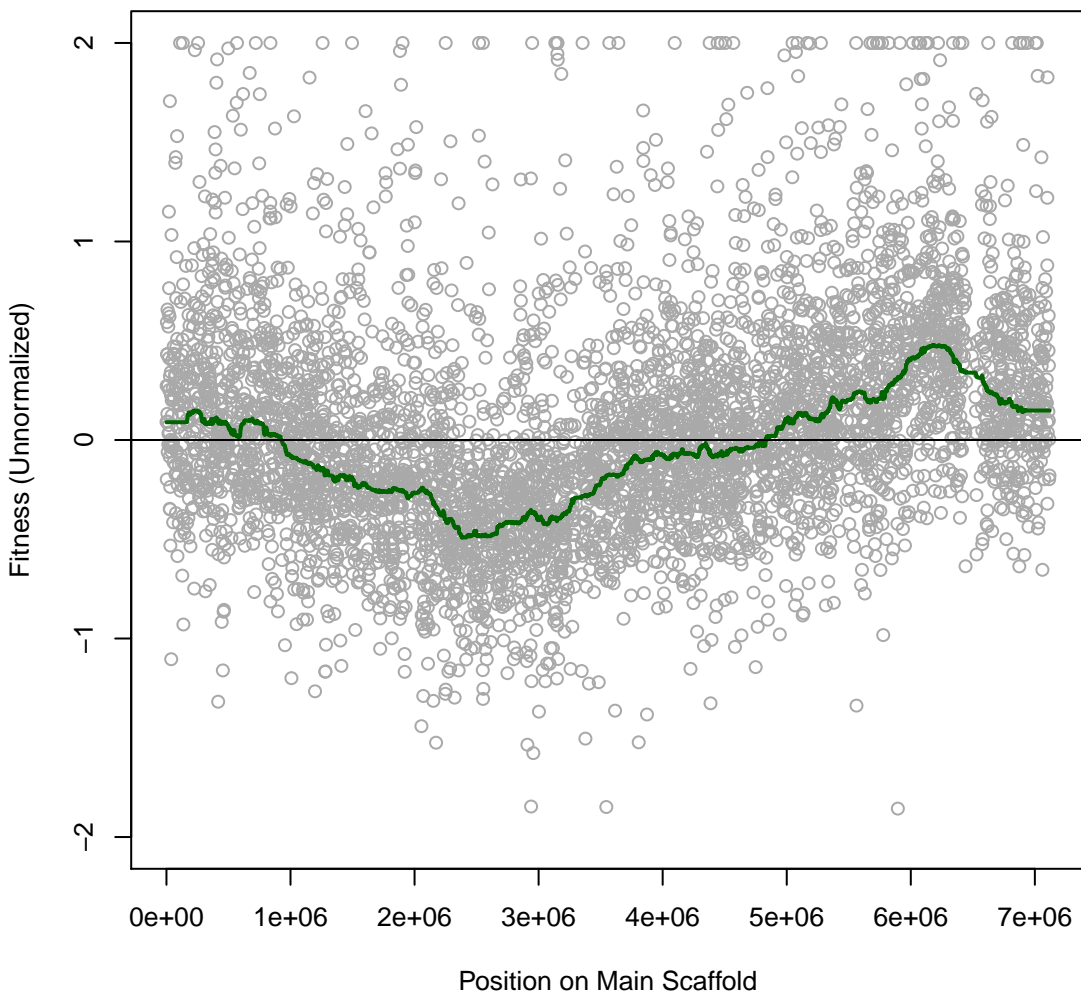
**pseudo5\_N2C3\_1 2IT091 #91 (gMed=182 rho12=0.209)**  
**L-Aspartic Acid (C)**



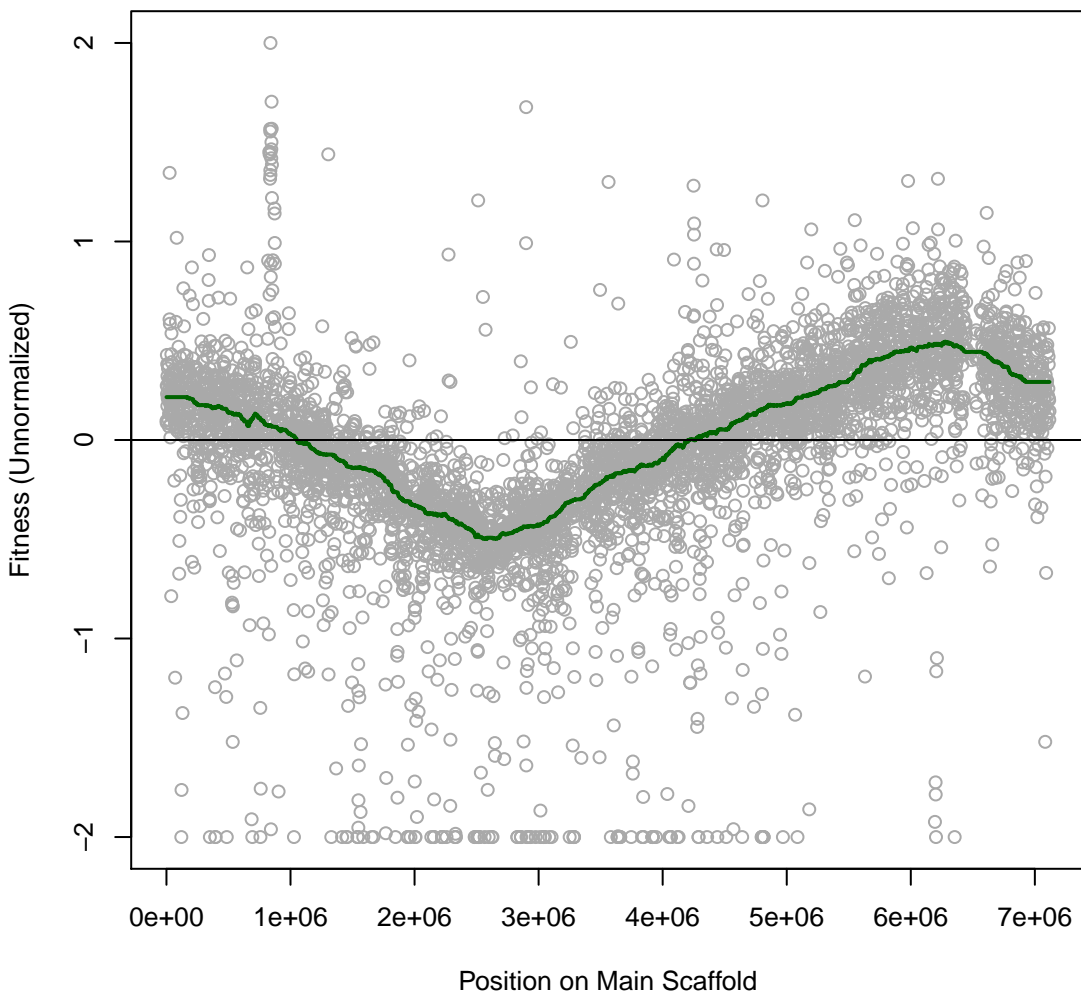
**pseudo5\_N2C3\_1 2IT092 #92 (gMed=154 rho12=0.188)**  
**L-Glutamic (C)**



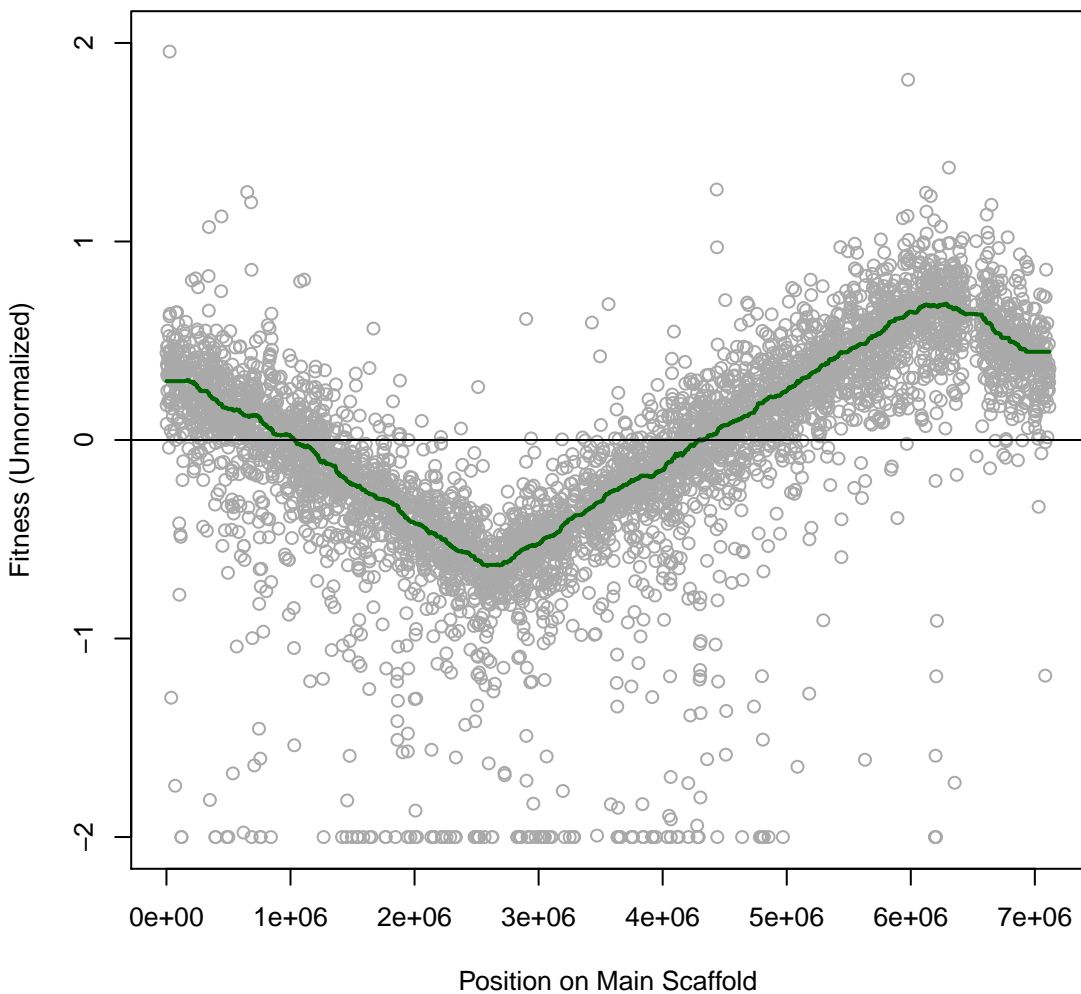
**pseudo5\_N2C3\_1 2IT093 #93 (gMed=1 rho12=0.067)**  
**L-Serine (C)**



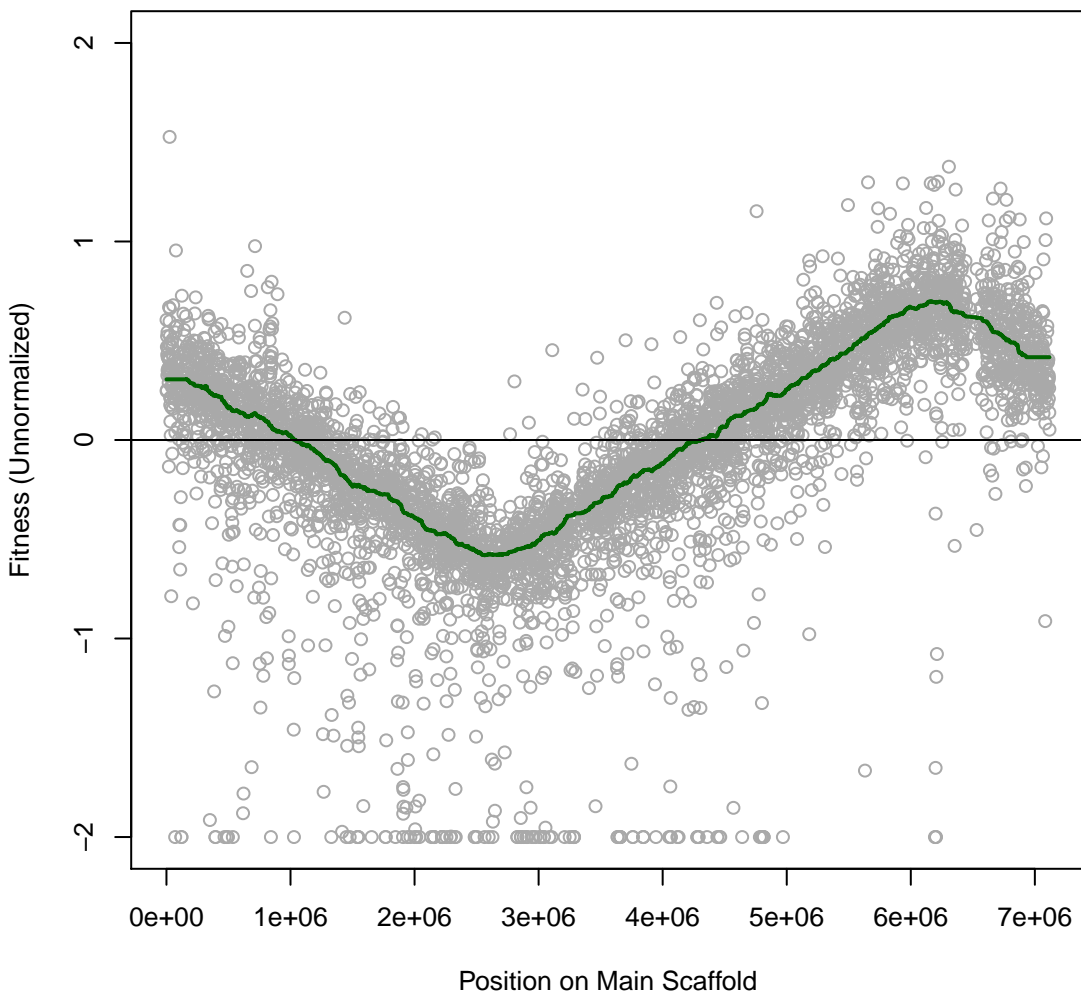
**pseudo5\_N2C3\_1 2IT094 #94 (gMed=175 rho12=0.295)**  
**L-Asparagine (C)**



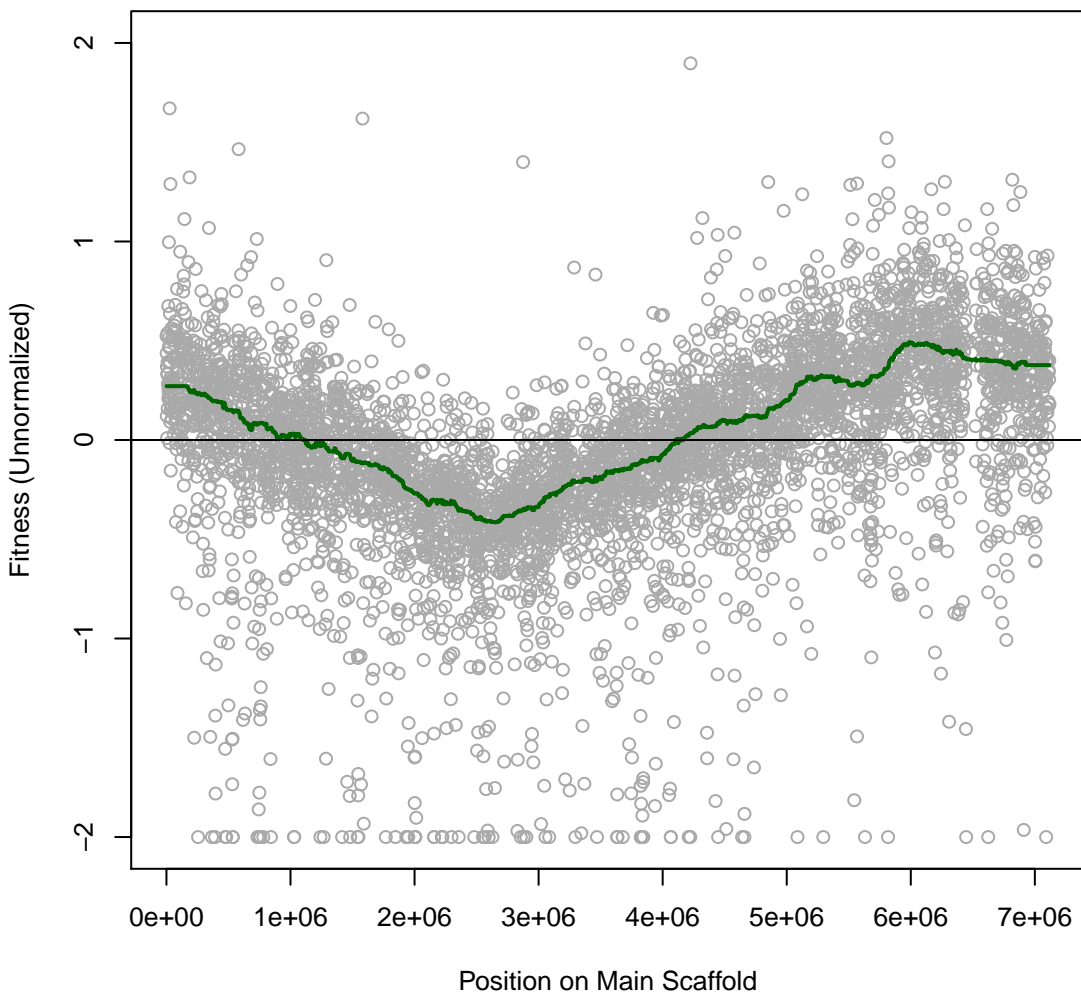
**pseudo5\_N2C3\_1 2IT095 #95 (gMed=192 rho12=0.236)**  
**L-Glutamine (C)**



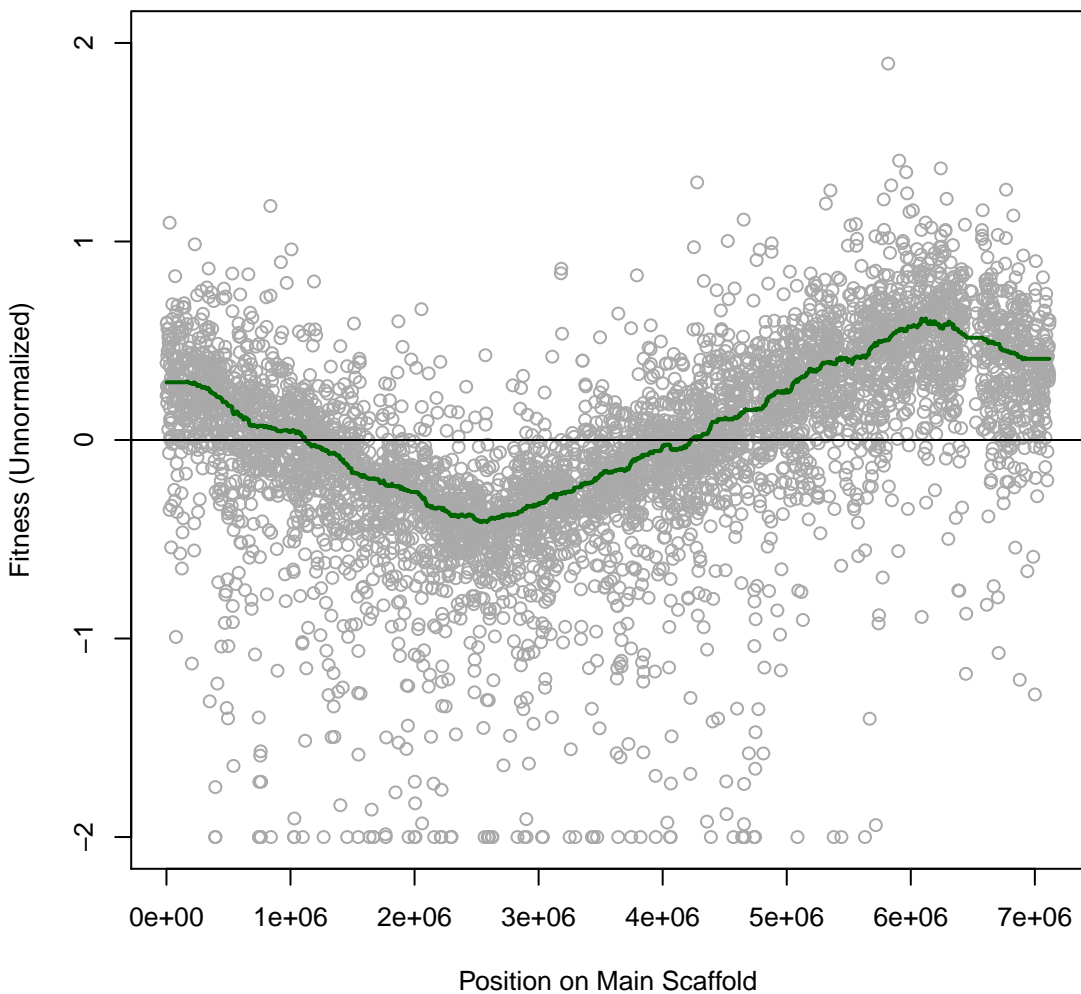
**pseudo5\_N2C3\_1 2IT096 #96 (gMed=163 rho12=0.204)**  
**L-Proline (C)**



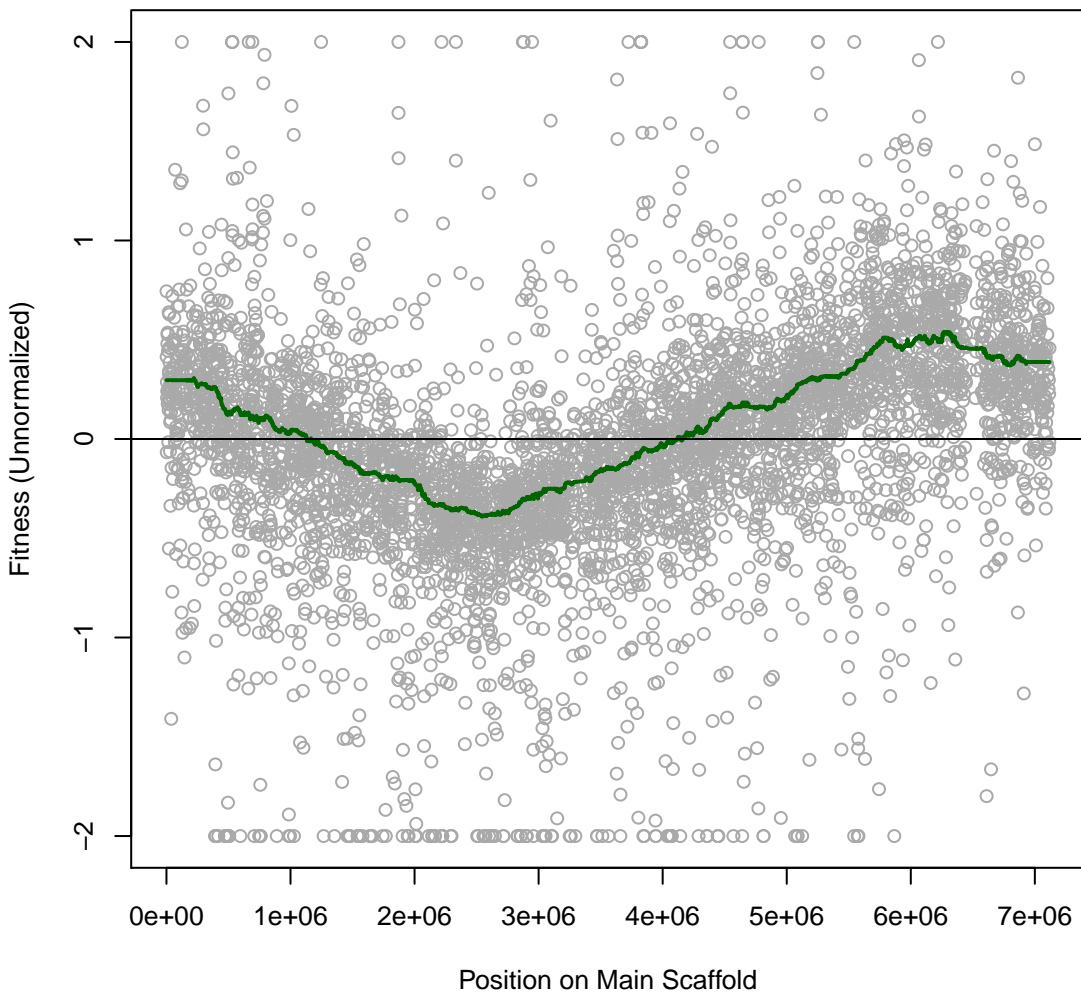
**pseudo5\_N2C3\_1 4IT001 #97 (gMed=62 rho12=0.141)**  
**nitrite 10 mM**



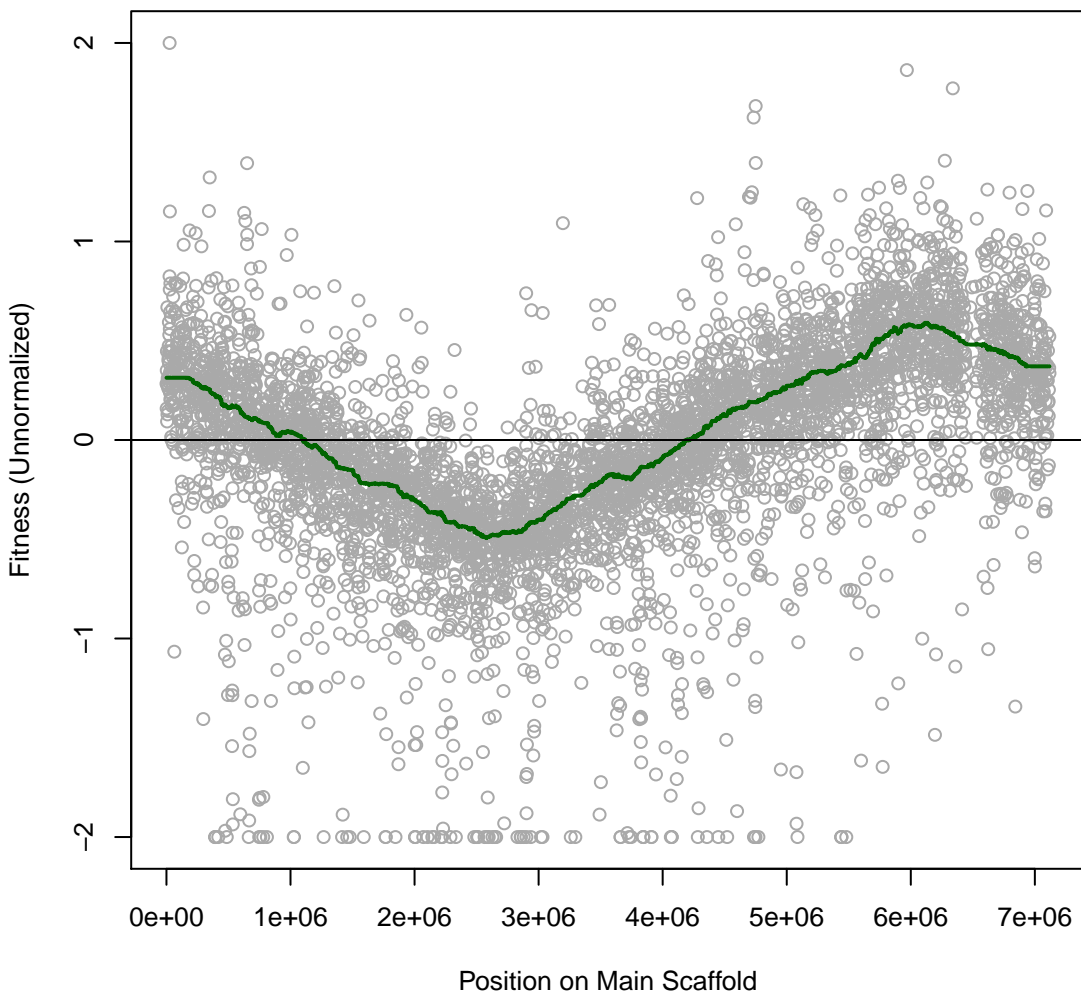
**pseudo5\_N2C3\_1 4IT002 #98 (gMed=72 rho12=0.162)**  
**nitrate 200 mM**



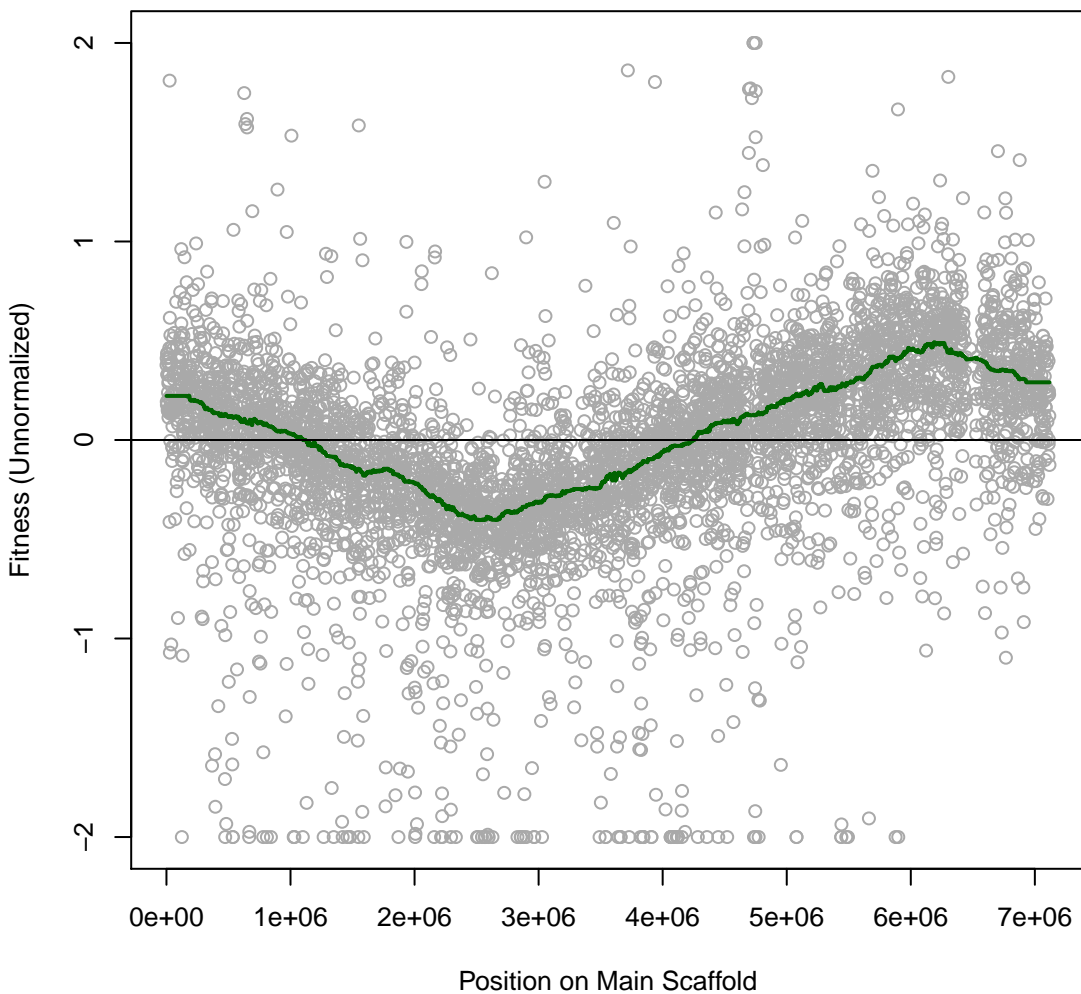
**pseudo5\_N2C3\_1 4IT003 #99 (gMed=70 rho12=0.202)**  
**Sisomicin 0.001 mg/ml**



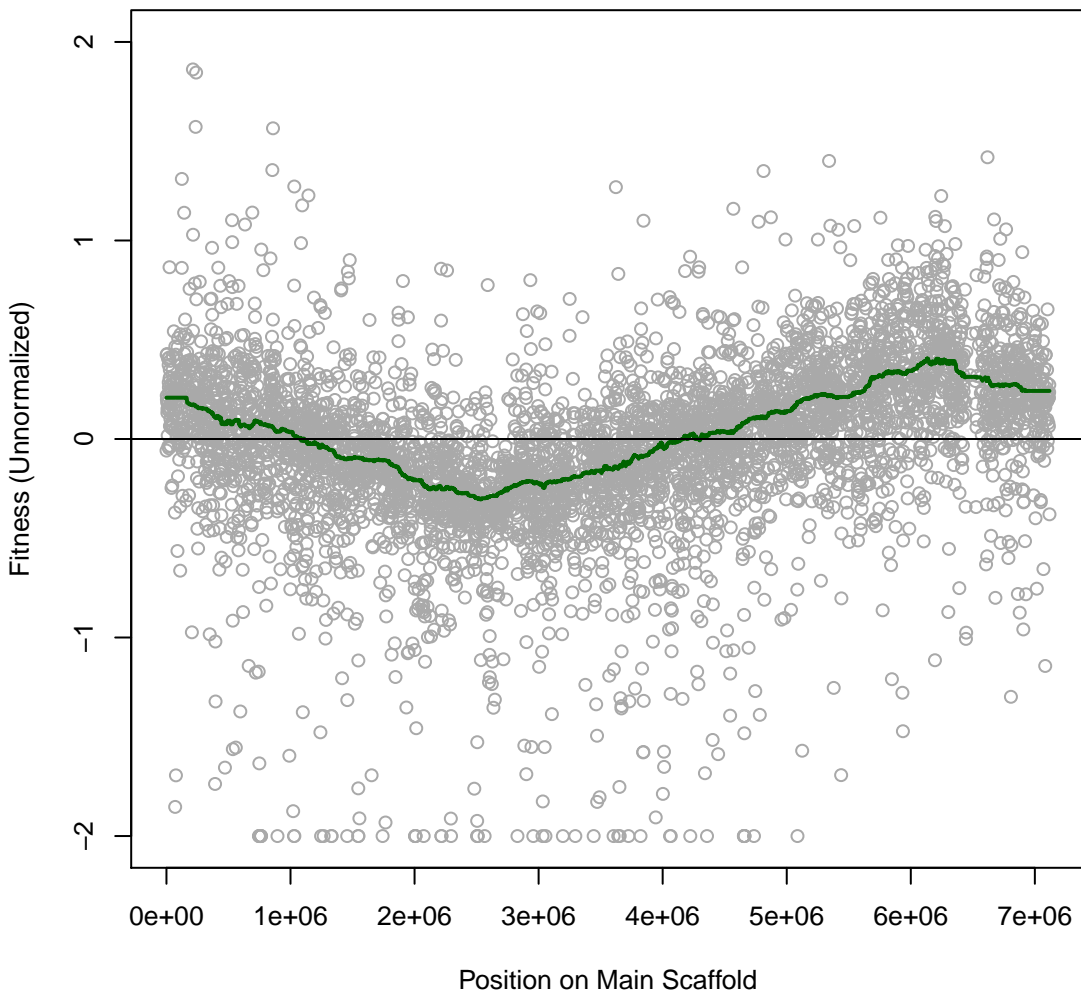
**pseudo5\_N2C3\_1 4IT004 #100 (gMed=72 rho12=0.207)**  
**Chlorite 0.04 mM**



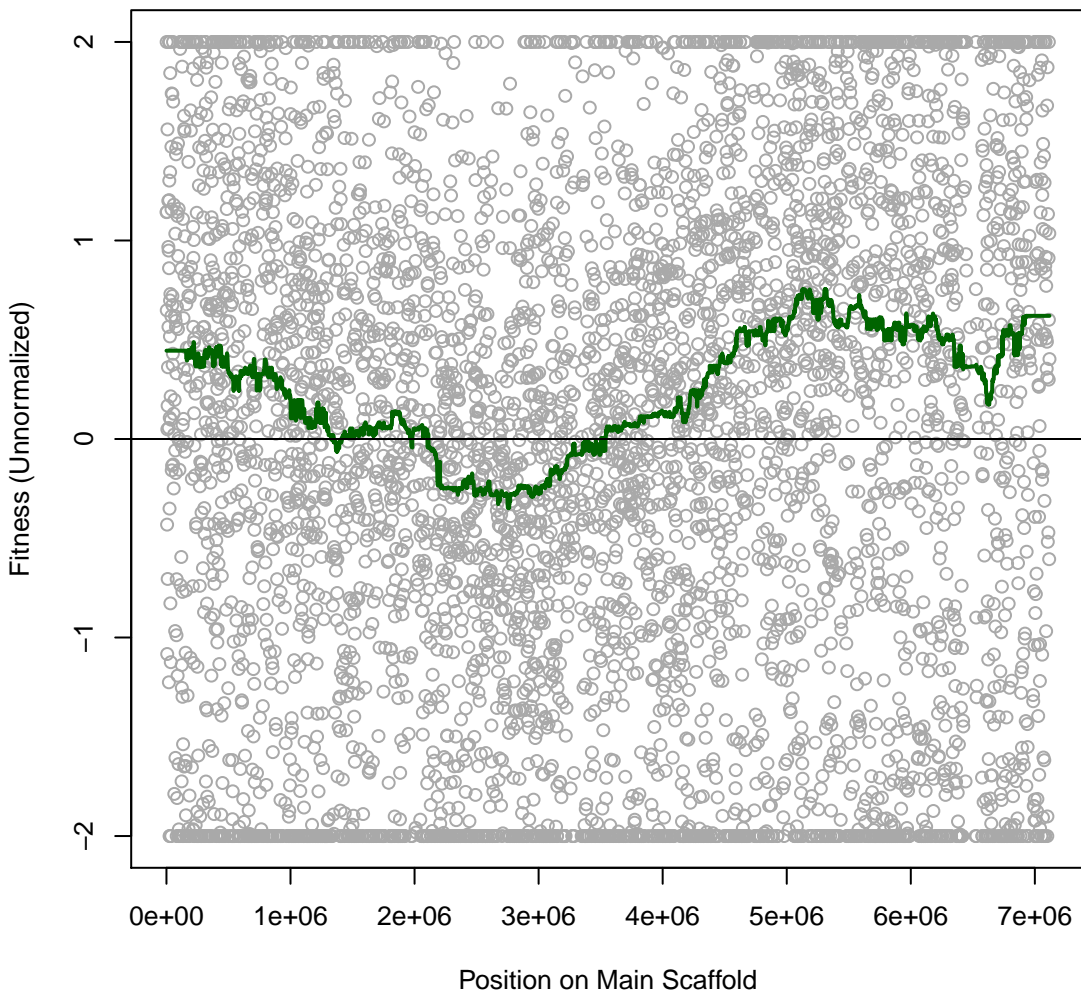
**pseudo5\_N2C3\_1 4IT005 #101 (gMed=78 rho12=0.220)**  
**Chlorite 0.08 mM**



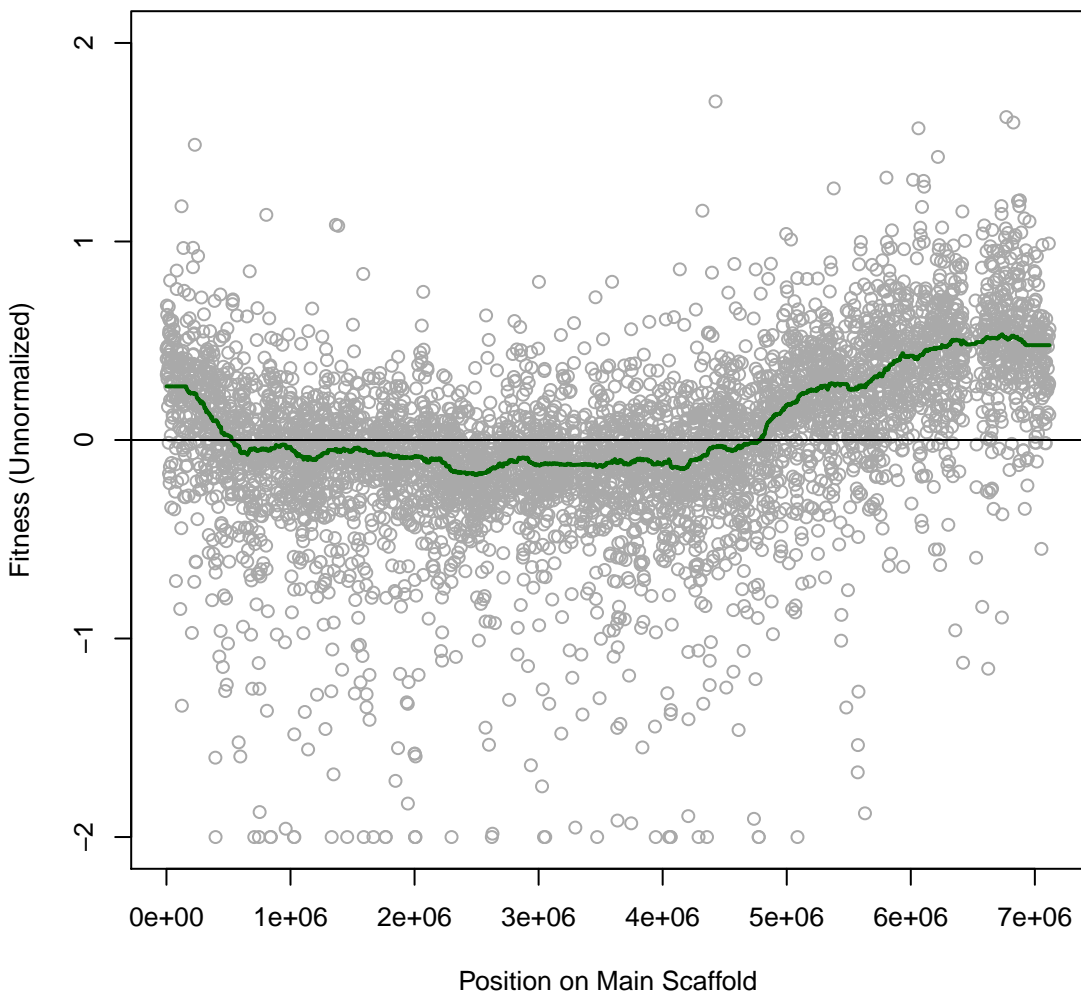
**pseudo5\_N2C3\_1 4IT006 #102 (gMed=82 rho12=0.206)**  
**perchlorate 75 mM**



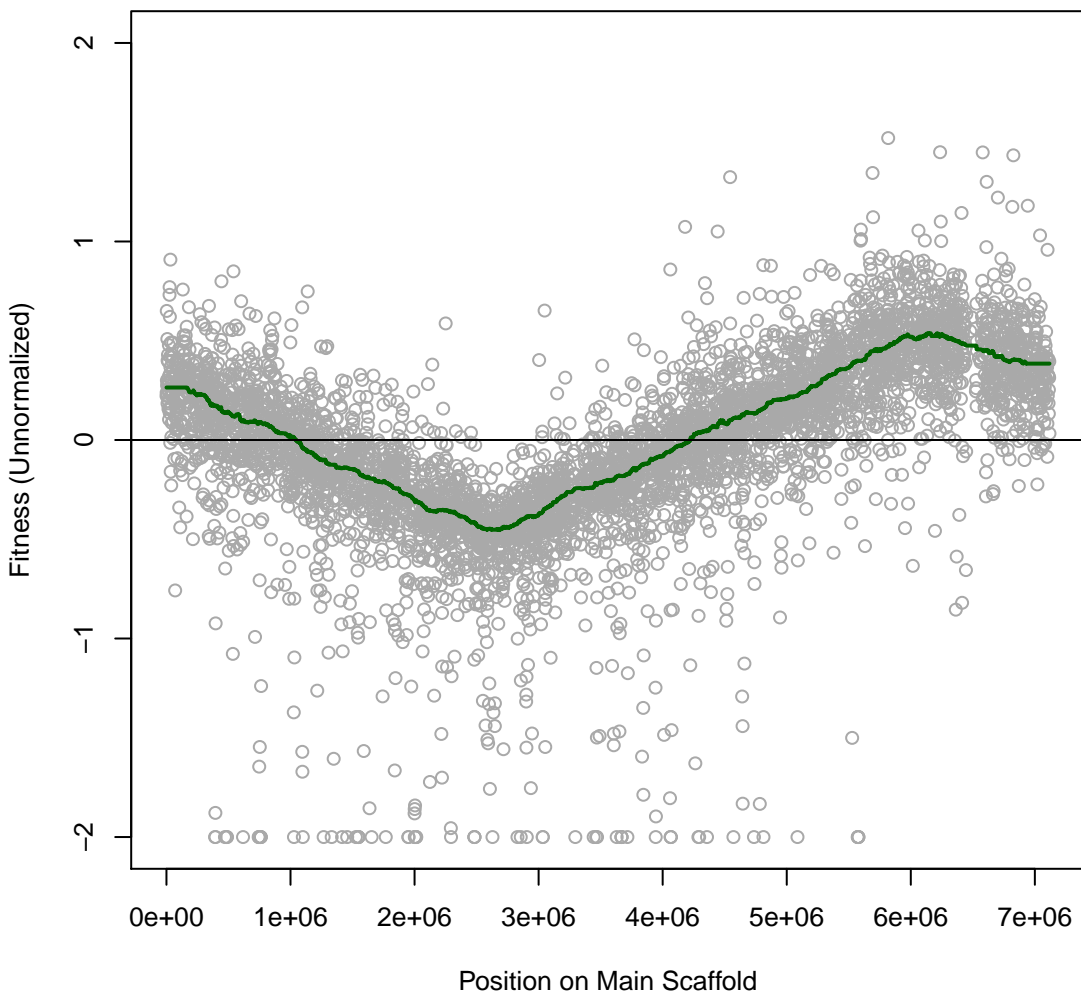
**pseudo5\_N2C3\_1 4IT007 #103 (gMed=45 rho12=0.031)**  
**Polymyxin B sulfate 0.0005 mg/ml**



**pseudo5\_N2C3\_1 4IT008 #104 (gMed=79 rho12=0.099)**  
**Chloride 750 mM**

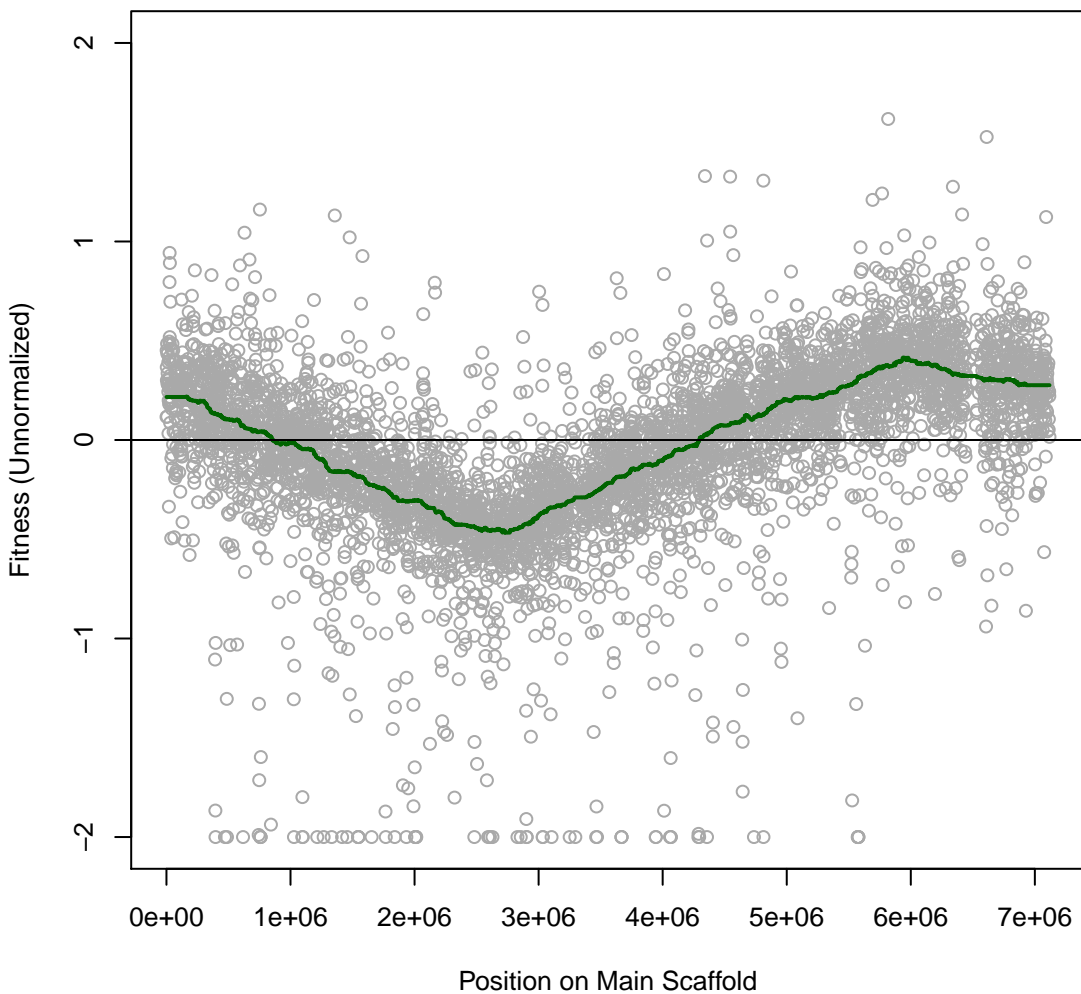


**pseudo5\_N2C3\_1 4IT010 #106 (gMed=175 rho12=0.153)**  
**Benzethonium chloride 0.025 mM**



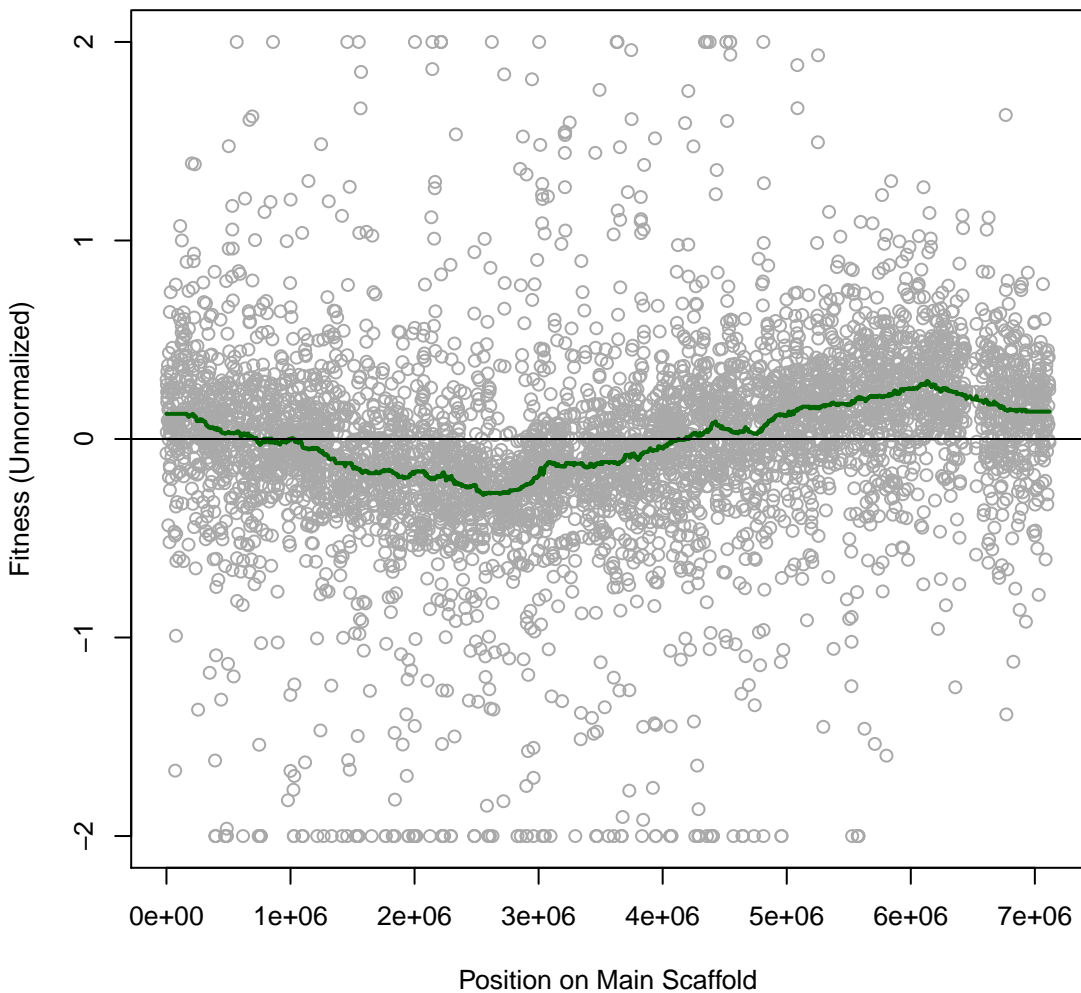
**pseudo5\_N2C3\_1 4IT011 #107 (gMed=176 rho12=0.181)**

**Benzalkonium Chloride 0.008 mg/ml**

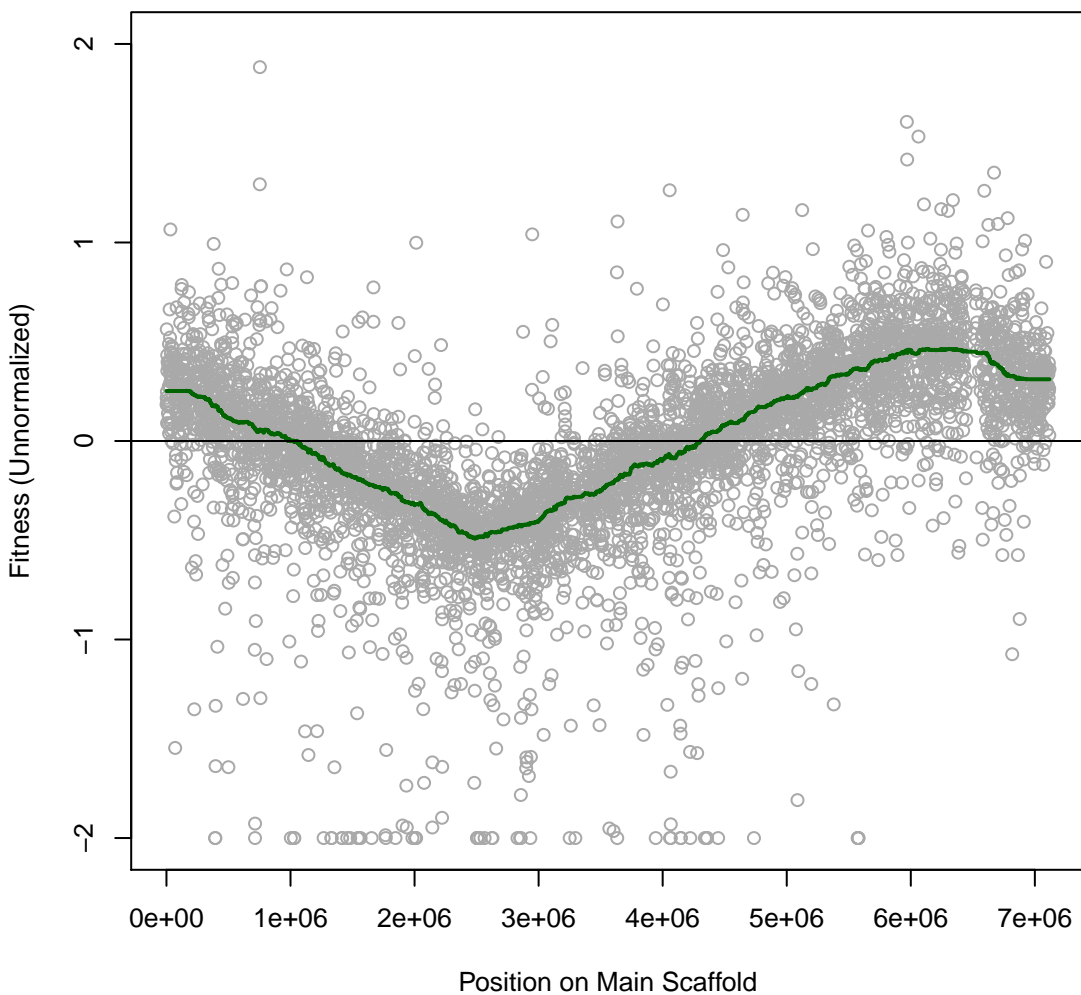


**pseudo5\_N2C3\_1 4IT012 #108 (gMed=196 rho12=0.299)**

**Benzalkonium Chloride 0.016 mg/ml**

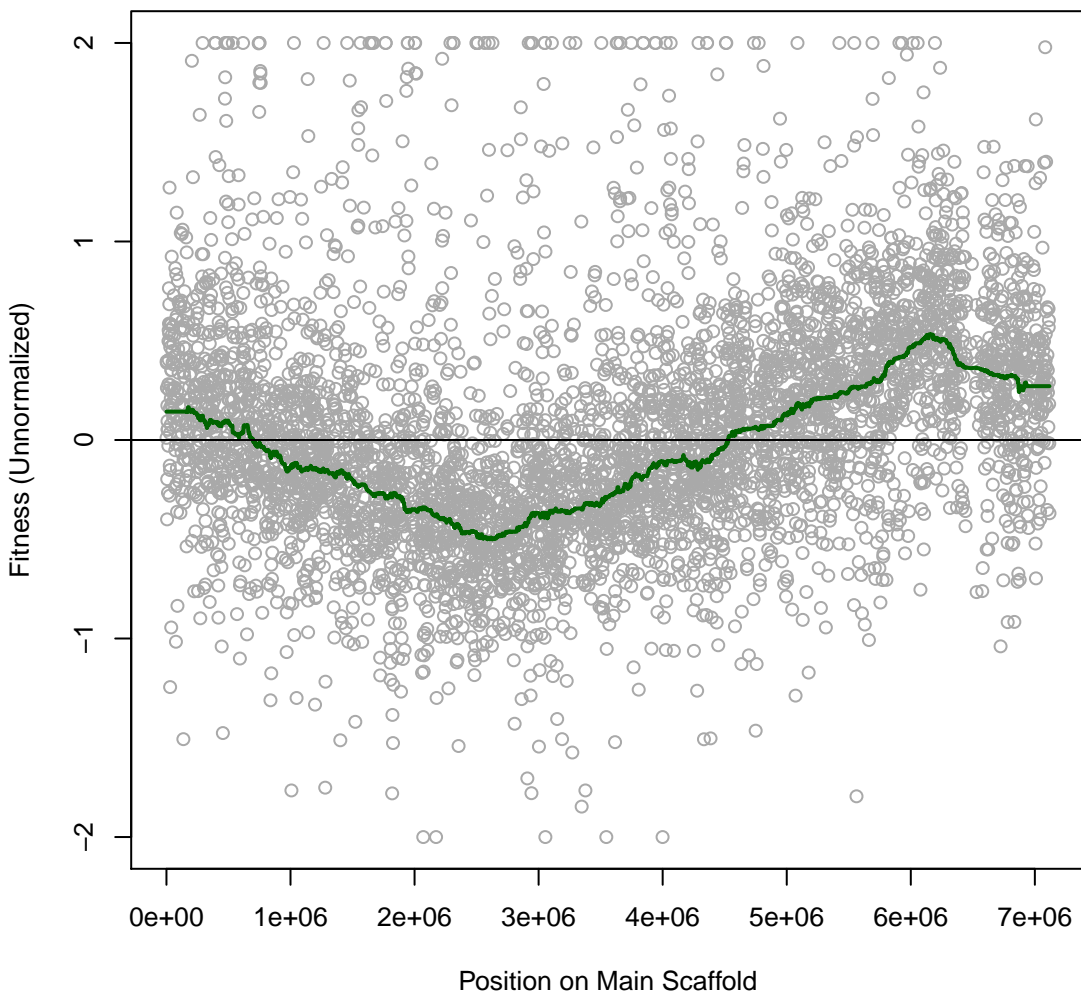


**pseudo5\_N2C3\_1 4IT013 #109 (gMed=199 rho12=0.181)**  
**Aluminum chloride 5 mM**



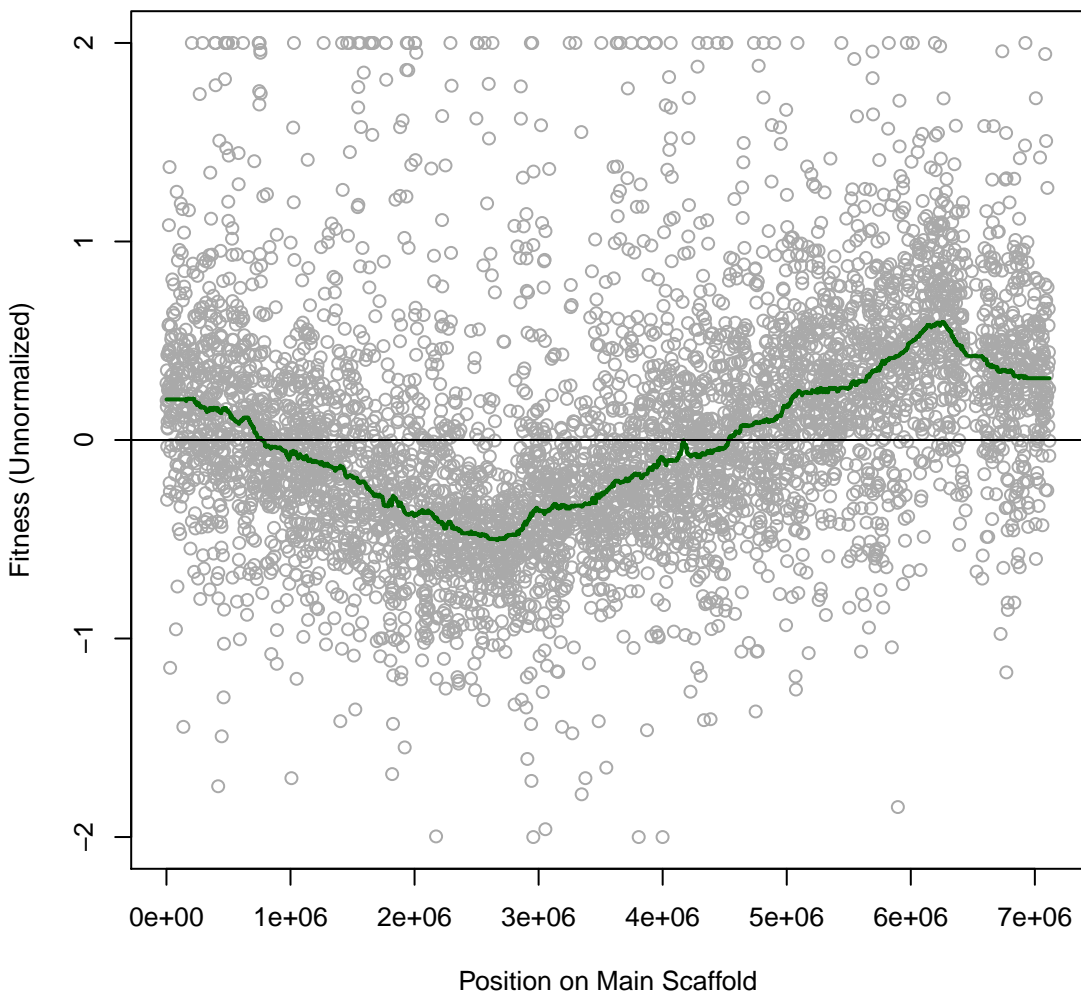
**pseudo5\_N2C3\_1 4IT014 #110 (gMed=2 rho12=0.124)**

**Phosphomycin 0.0001 mg/ml**



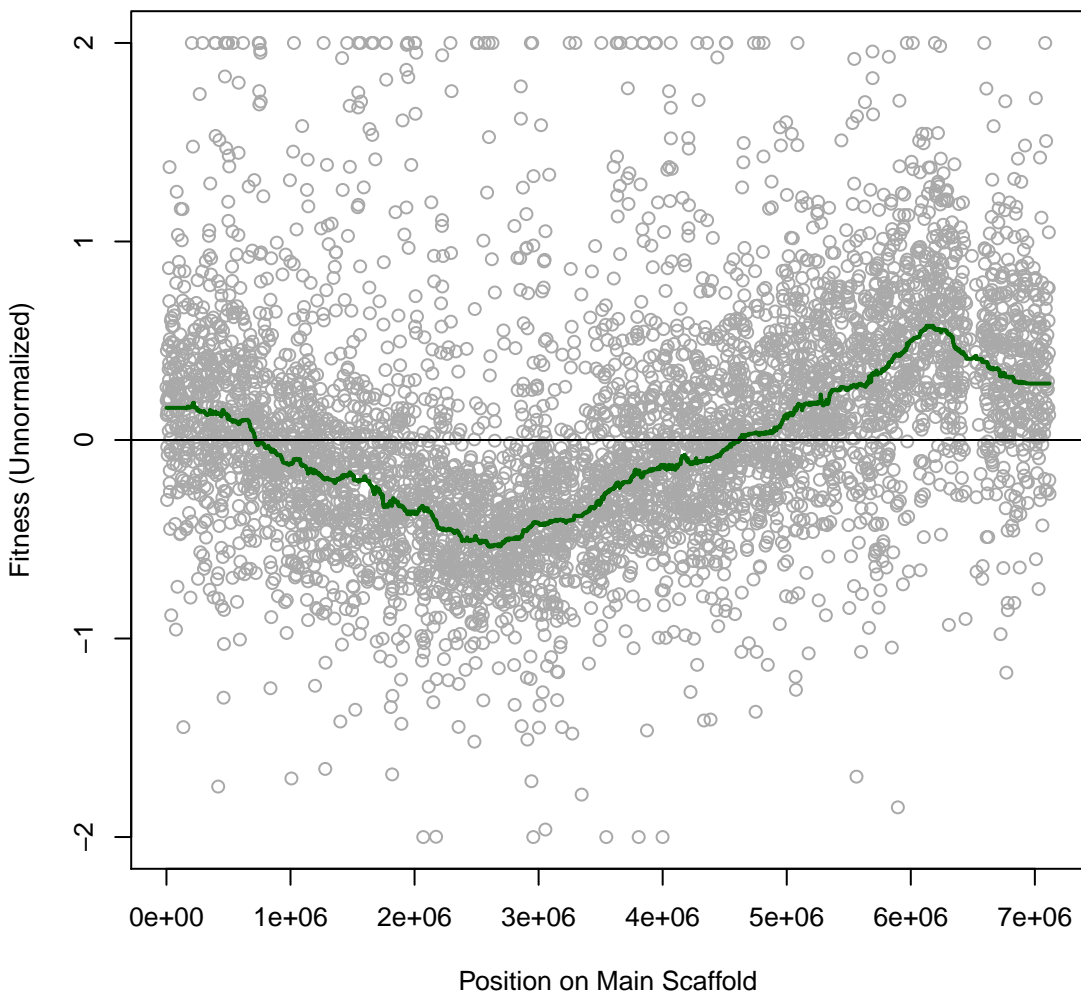
**pseudo5\_N2C3\_1 4IT015 #111 (gMed=1 rho12=0.149)**

**Phosphomycin 0.0005 mg/ml**

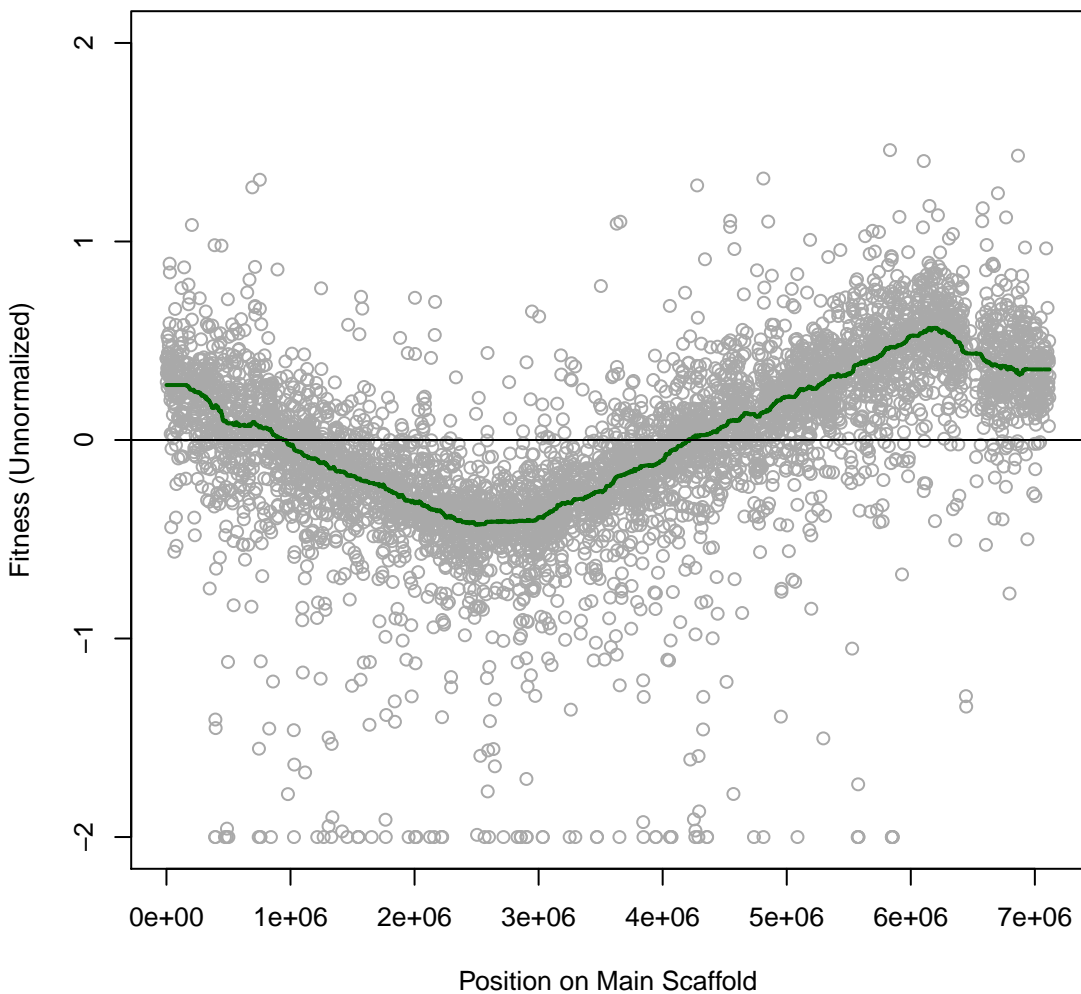


**pseudo5\_N2C3\_1 4IT016 #112 (gMed=1 rho12=0.158)**

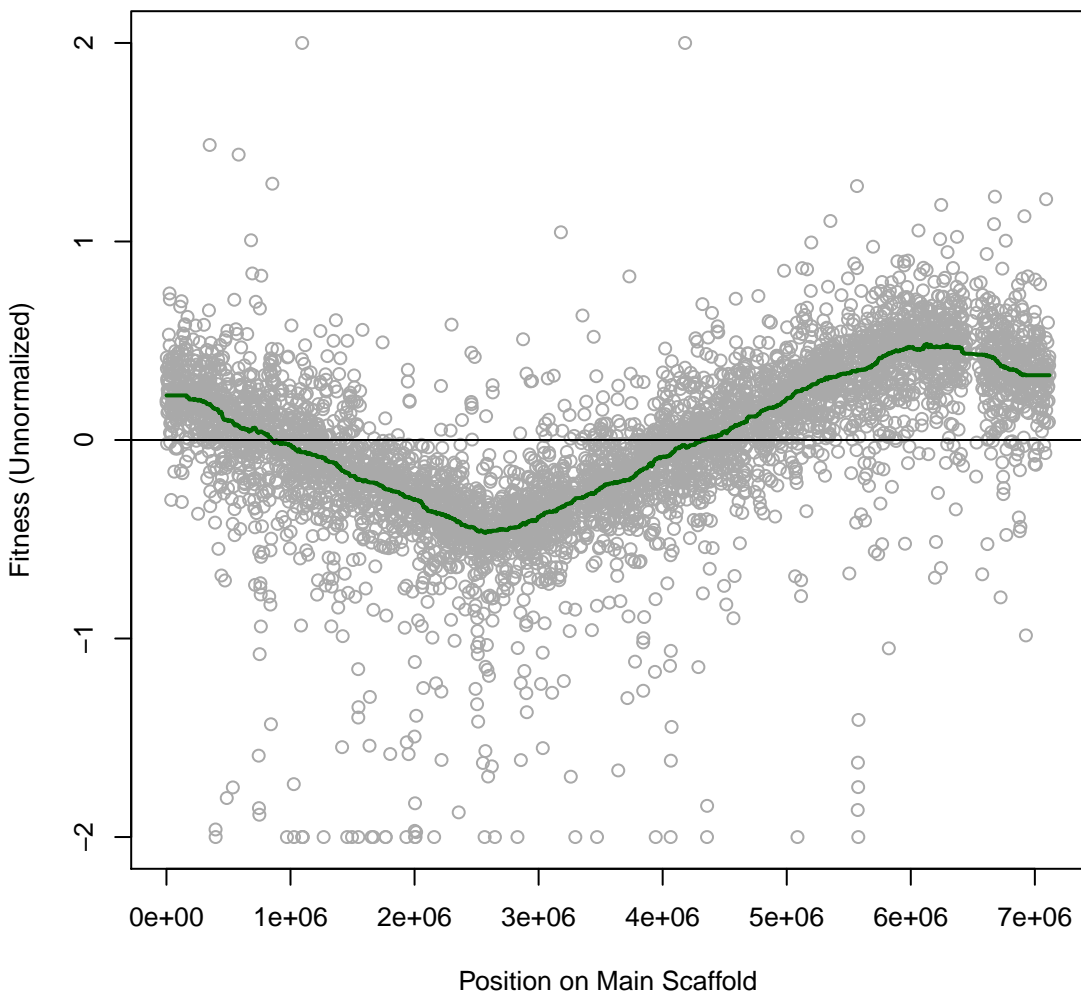
**Phosphomycin 0.001 mg/ml**



**pseudo5\_N2C3\_1 4IT017 #113 (gMed=187 rho12=0.184)**  
**Bacitracin 2 mg/ml**

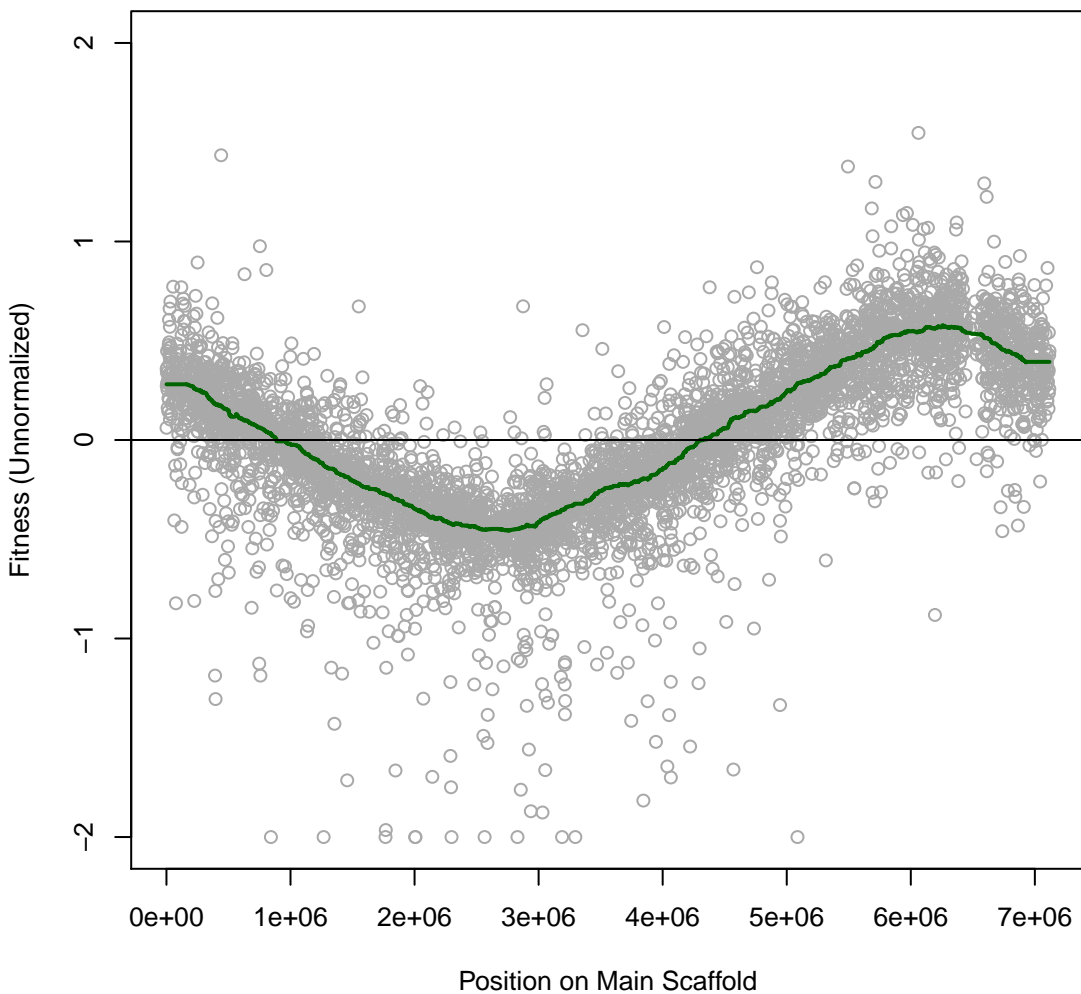


**pseudo5\_N2C3\_1 4IT018 #114 (gMed=187 rho12=0.151)**  
**Fusidic 0.1 mg/ml**

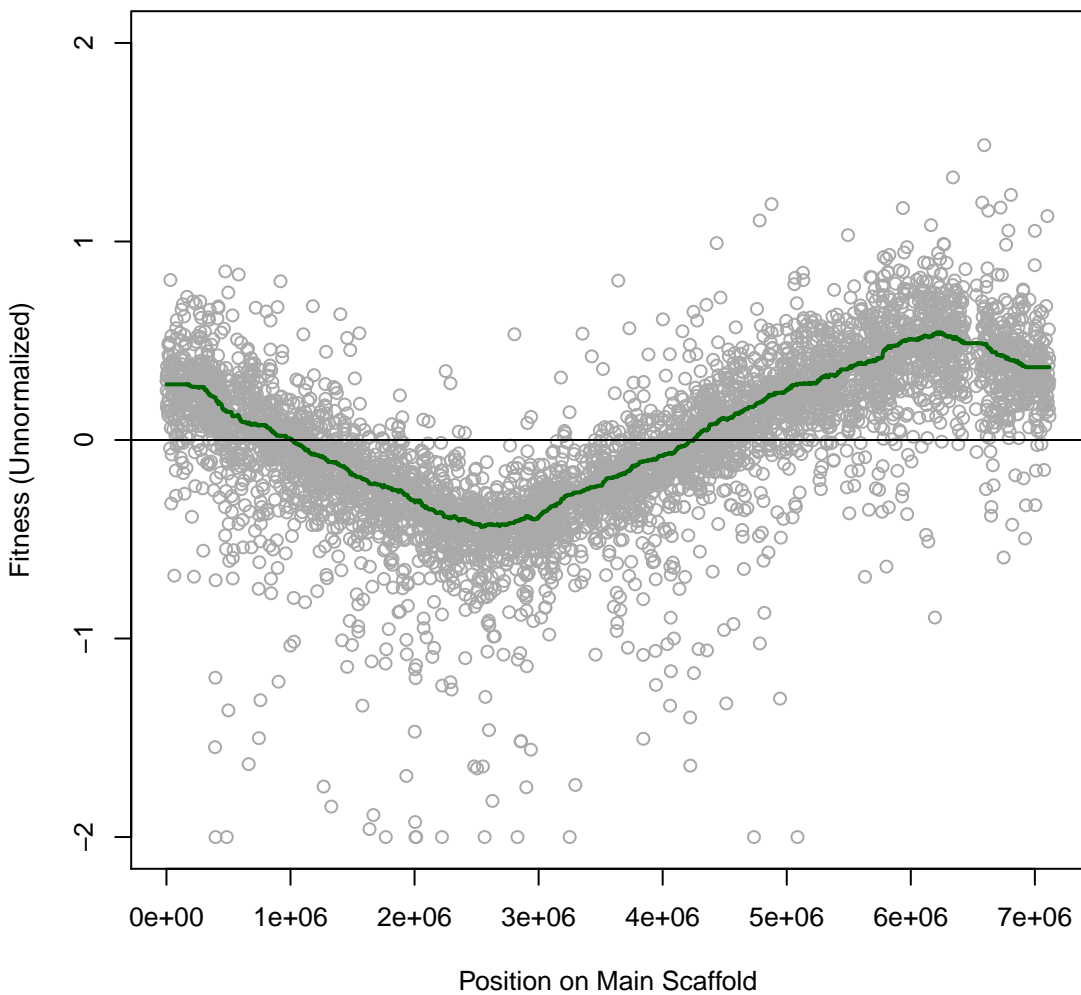


**pseudo5\_N2C3\_1 4IT019 #115 (gMed=196 rho12=0.061)**

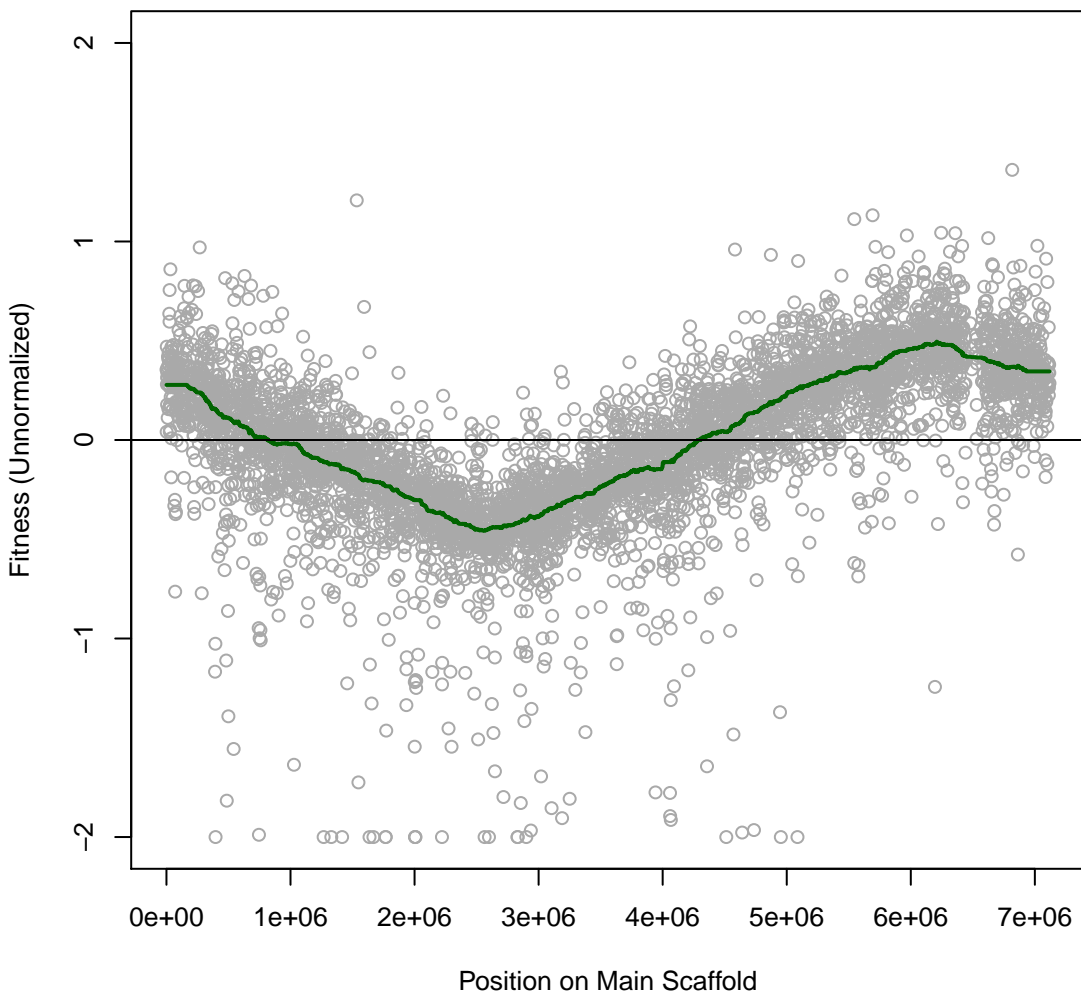
**Dimethyl Sulfoxide 7.5 vol%**



**pseudo5\_N2C3\_1 4IT020 #116 (gMed=189 rho12=0.083)**  
**LB**

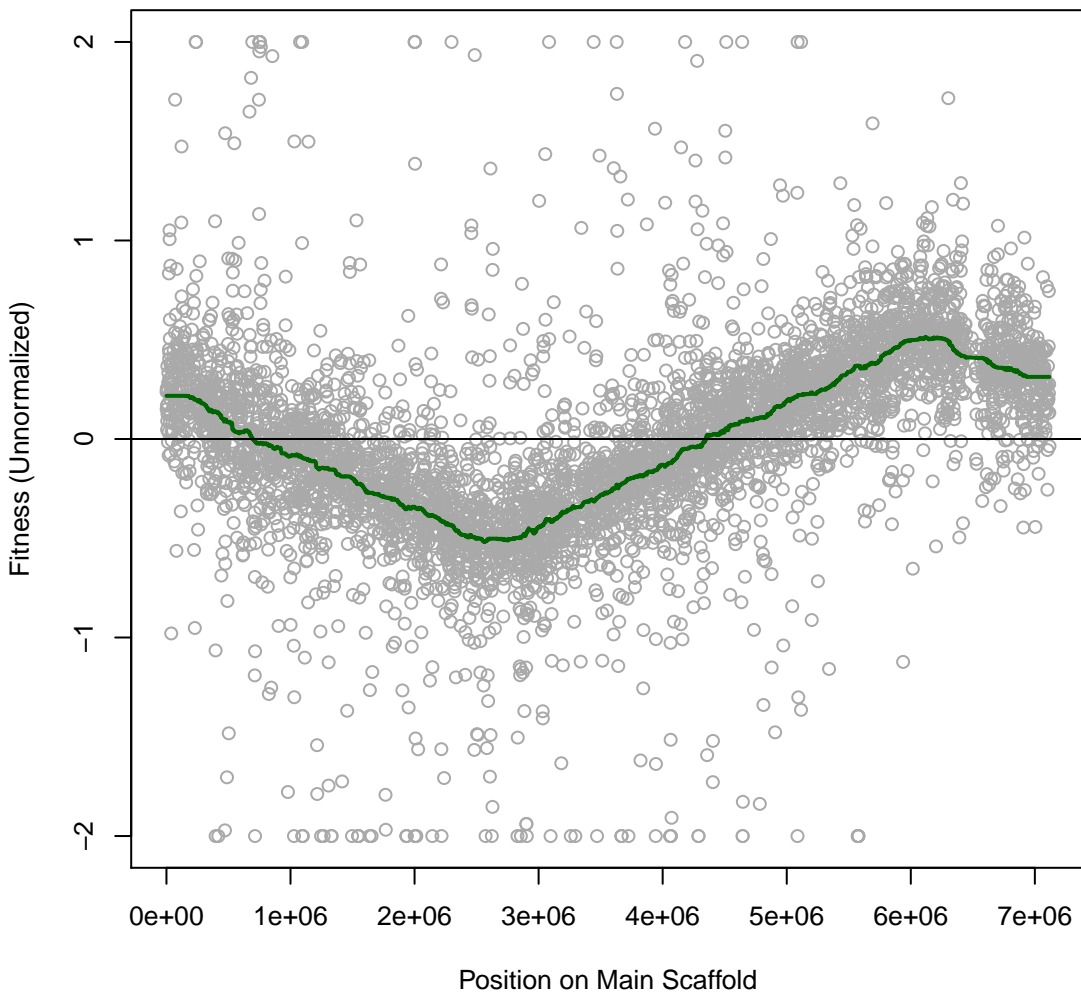


**pseudo5\_N2C3\_1 4IT021 #117 (gMed=200 rho12=0.153)**  
**D-Cycloserine 0.1 mg/ml**

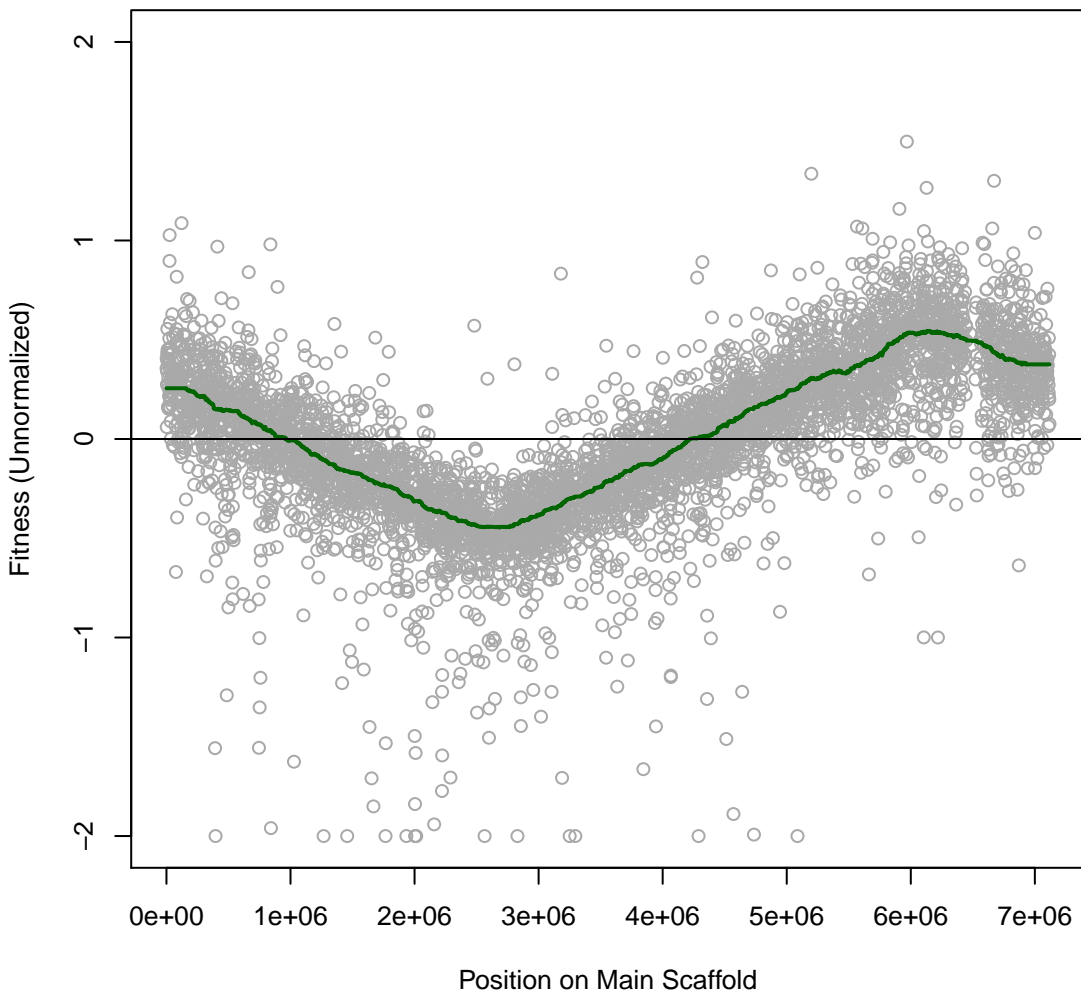


**pseudo5\_N2C3\_1 4IT022 #118 (gMed=178 rho12=0.271)**

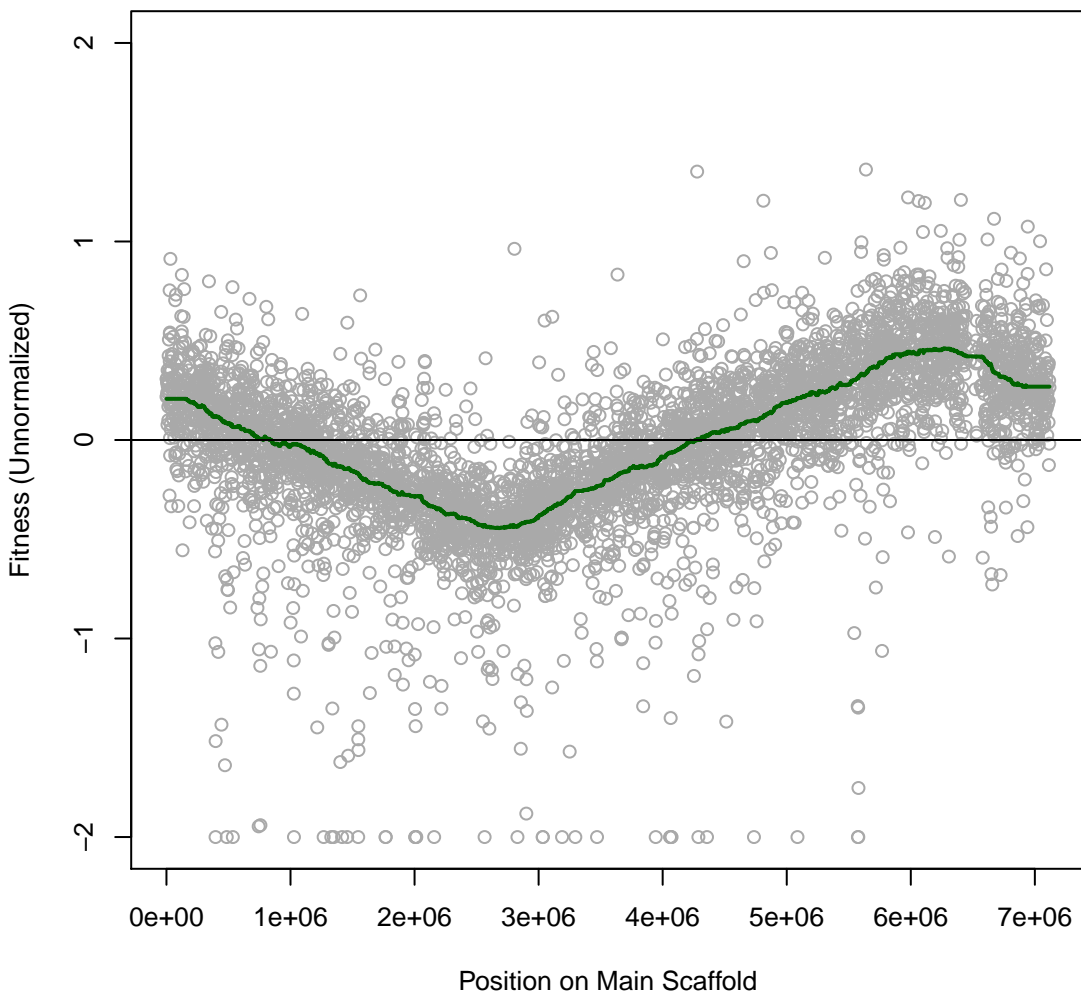
**Doxycycline hyclate 0.0001 mg/ml**



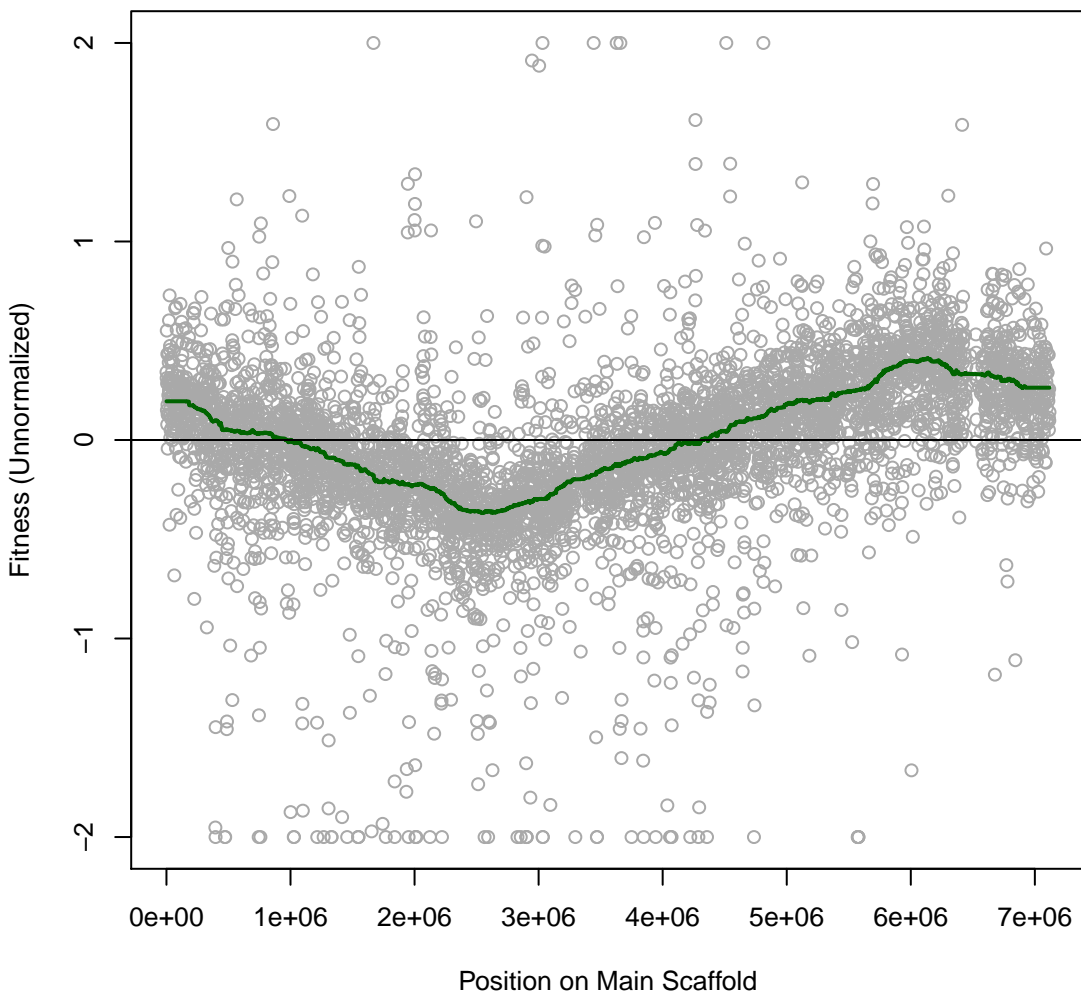
**pseudo5\_N2C3\_1 4IT023 #119 (gMed=175 rho12=0.102)**  
**LB**



**pseudo5\_N2C3\_1 4IT024 #120 (gMed=189 rho12=0.160)**  
**Rifampicin 0.0016 mg/ml**

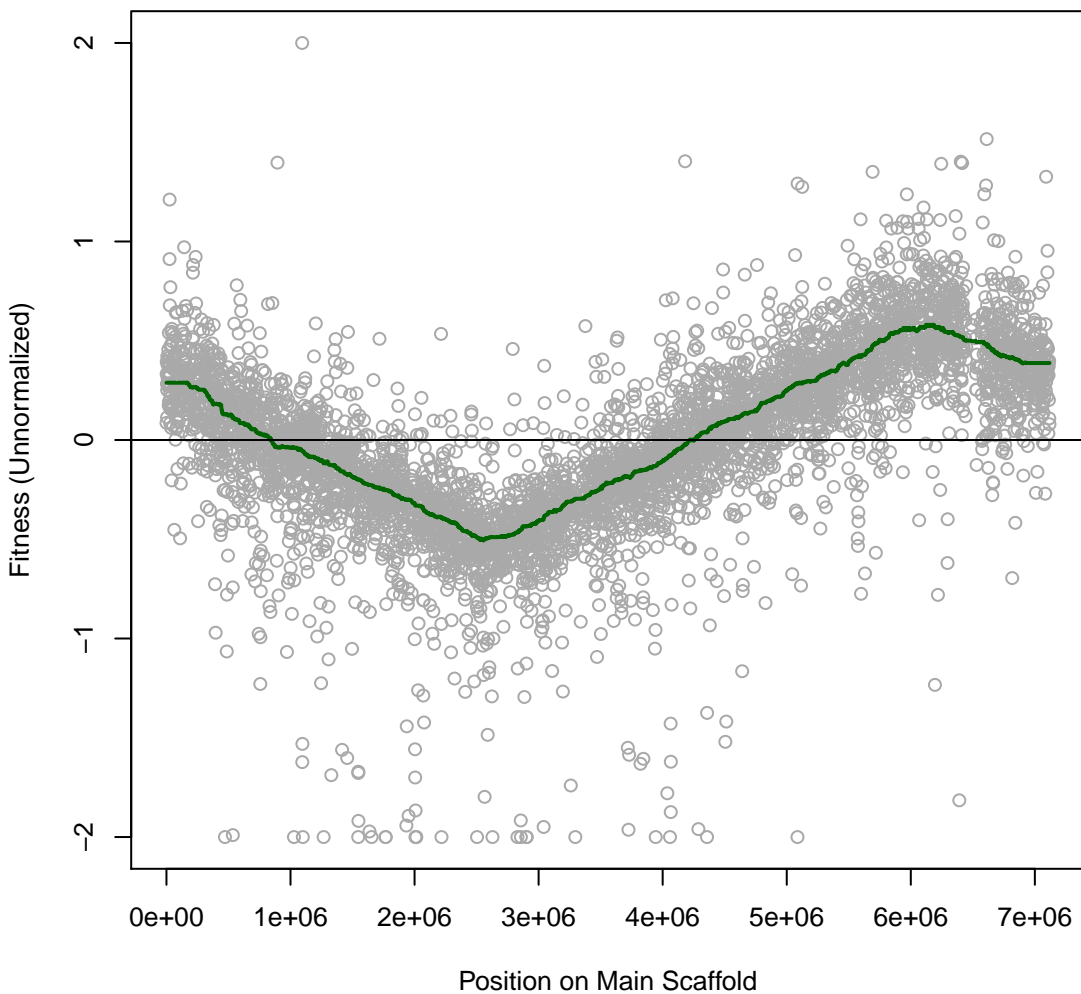


**pseudo5\_N2C3\_1 4IT025 #121 (gMed=192 rho12=0.259)**  
**Rifampicin 0.0024 mg/ml**



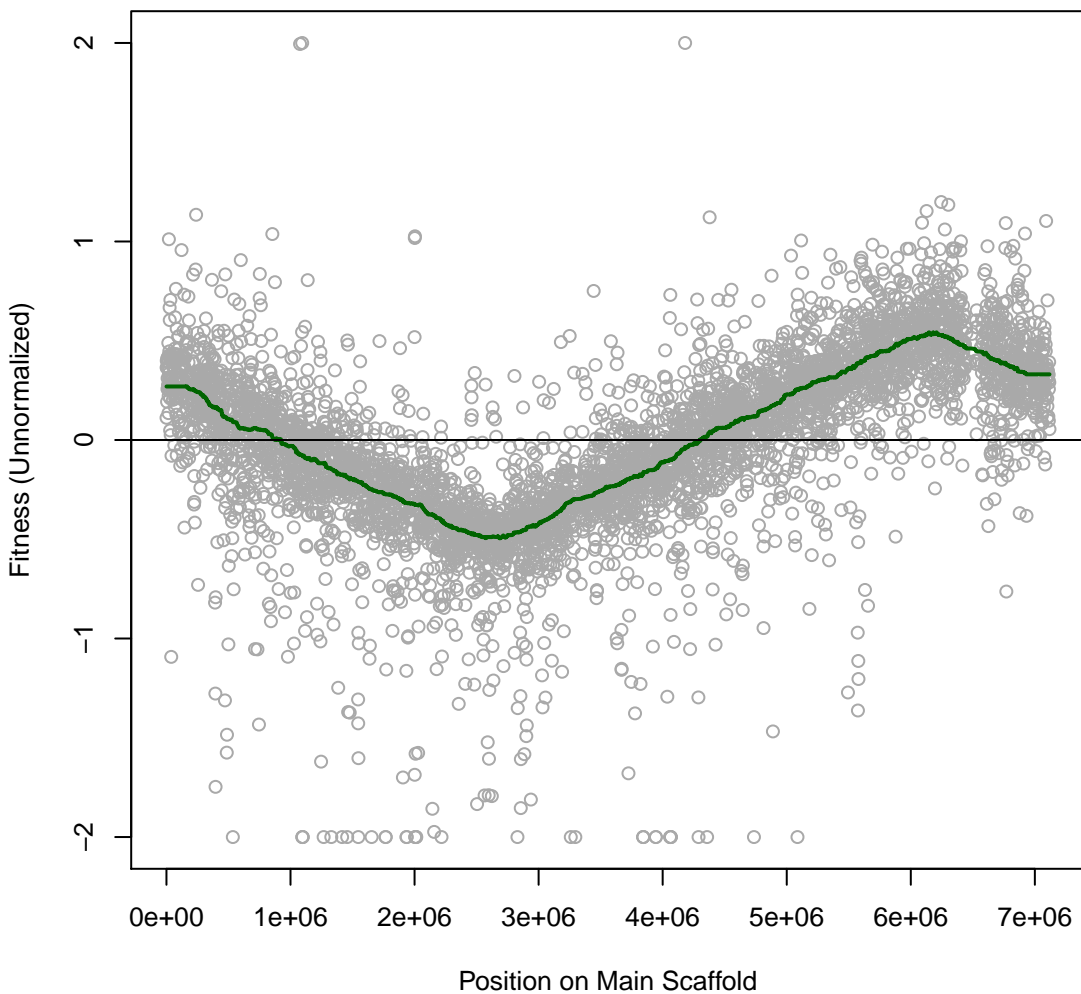
**pseudo5\_N2C3\_1 4IT026 #122 (gMed=193 rho12=0.152)**

**Chloramphenicol 0.005 mg/ml**

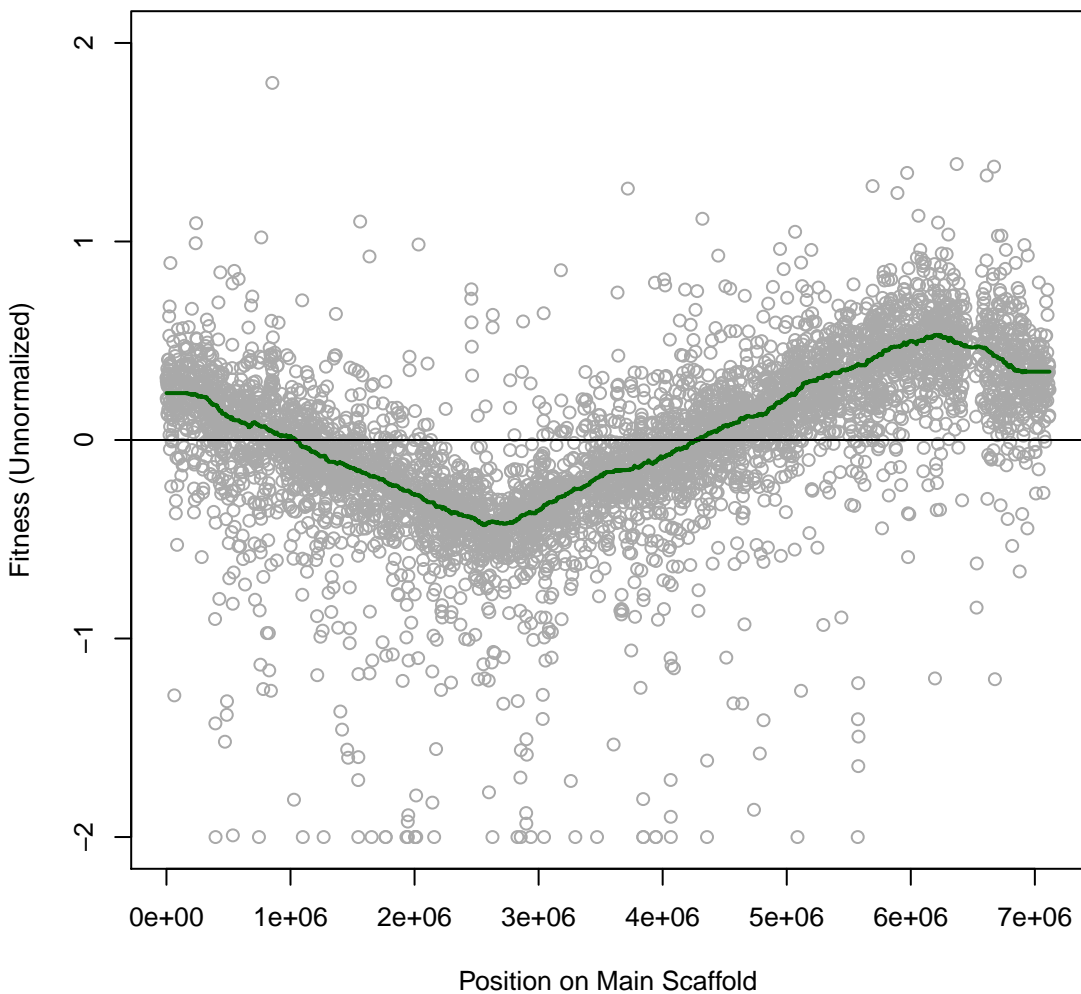


**pseudo5\_N2C3\_1 4IT027 #123 (gMed=196 rho12=0.153)**

**Tetracycline 0.0001 mg/ml**

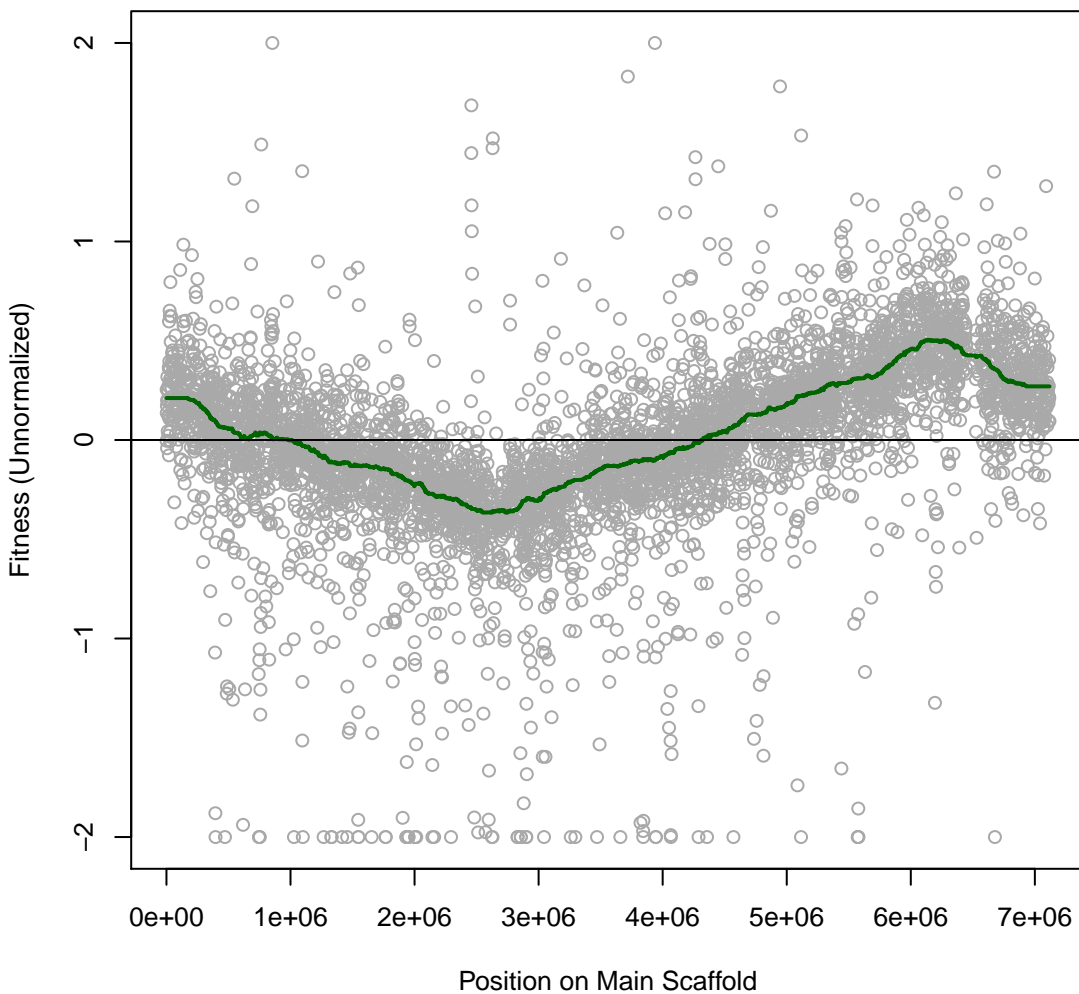


**pseudo5\_N2C3\_1 4IT028 #124 (gMed=195 rho12=0.192)**  
**Spectinomycin 0.0125 mg/ml**



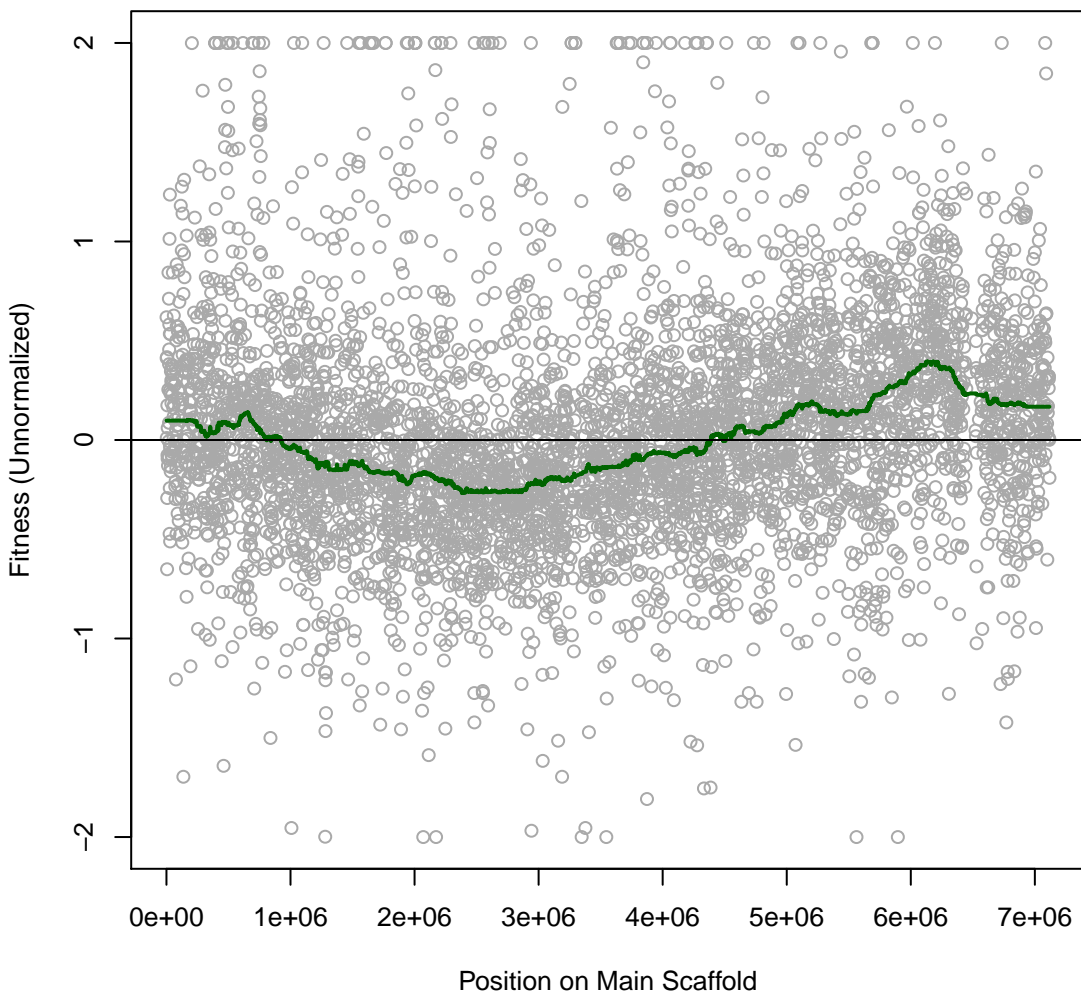
**pseudo5\_N2C3\_1 4IT029 #125 (gMed=183 rho12=0.243)**

**Spectinomycin 0.025 mg/ml**

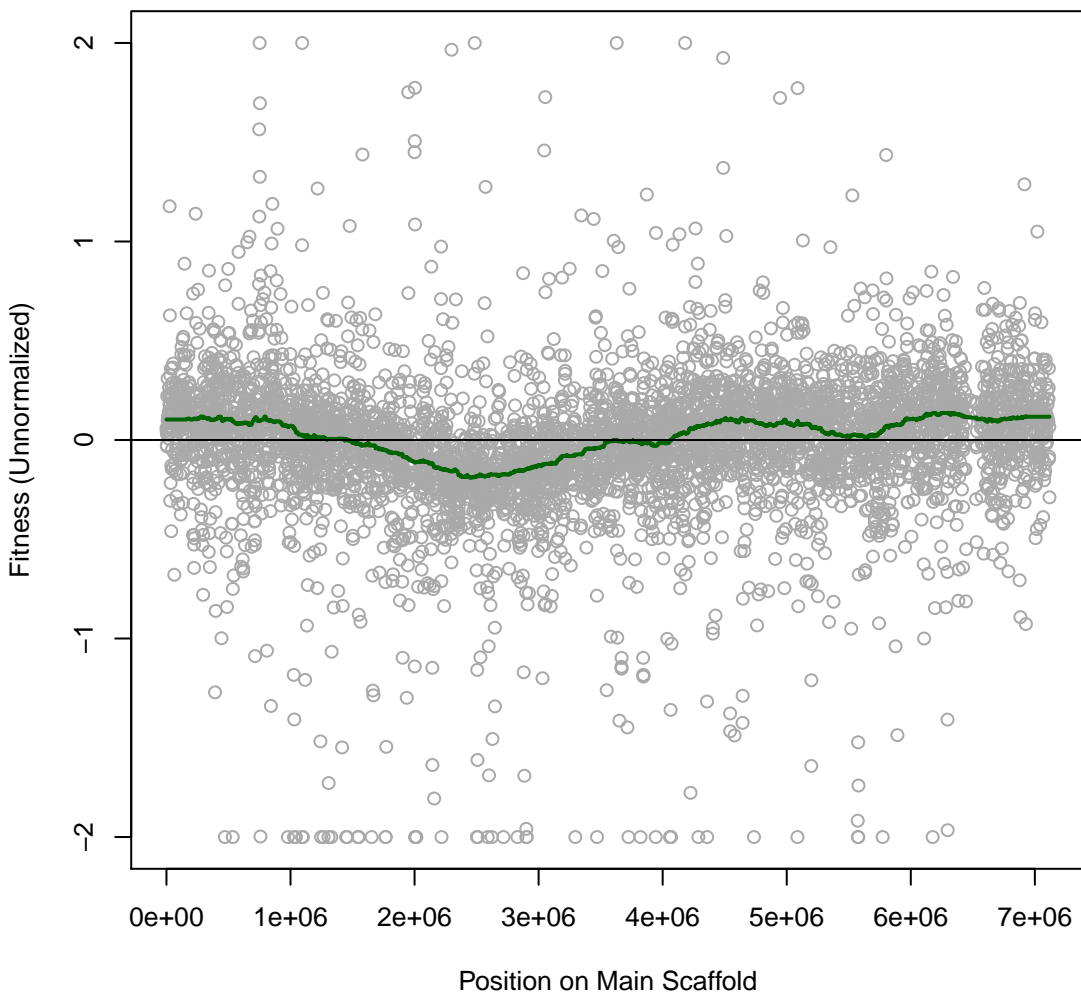


**pseudo5\_N2C3\_1 4IT030 #126 (gMed=3 rho12=0.145)**

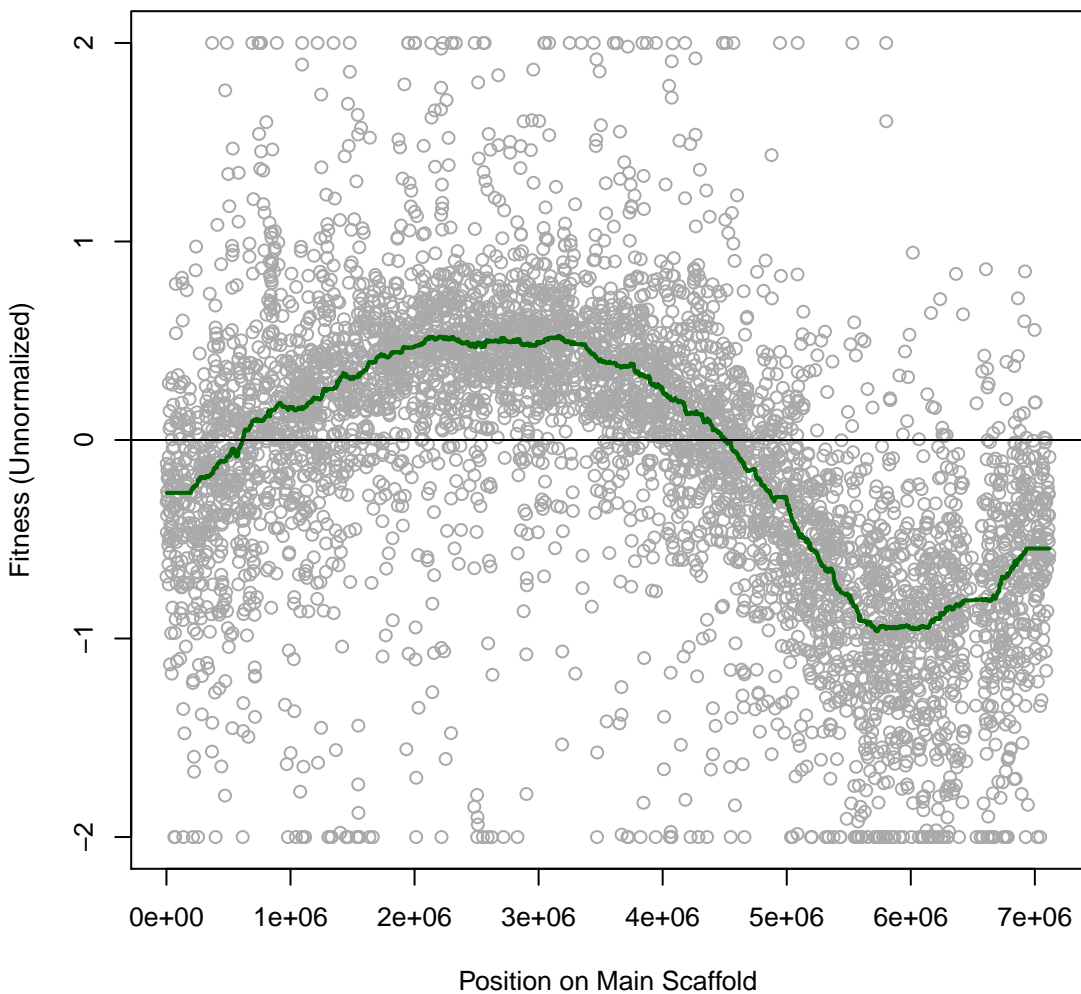
**Carbenicillin 0.5 mg/ml**



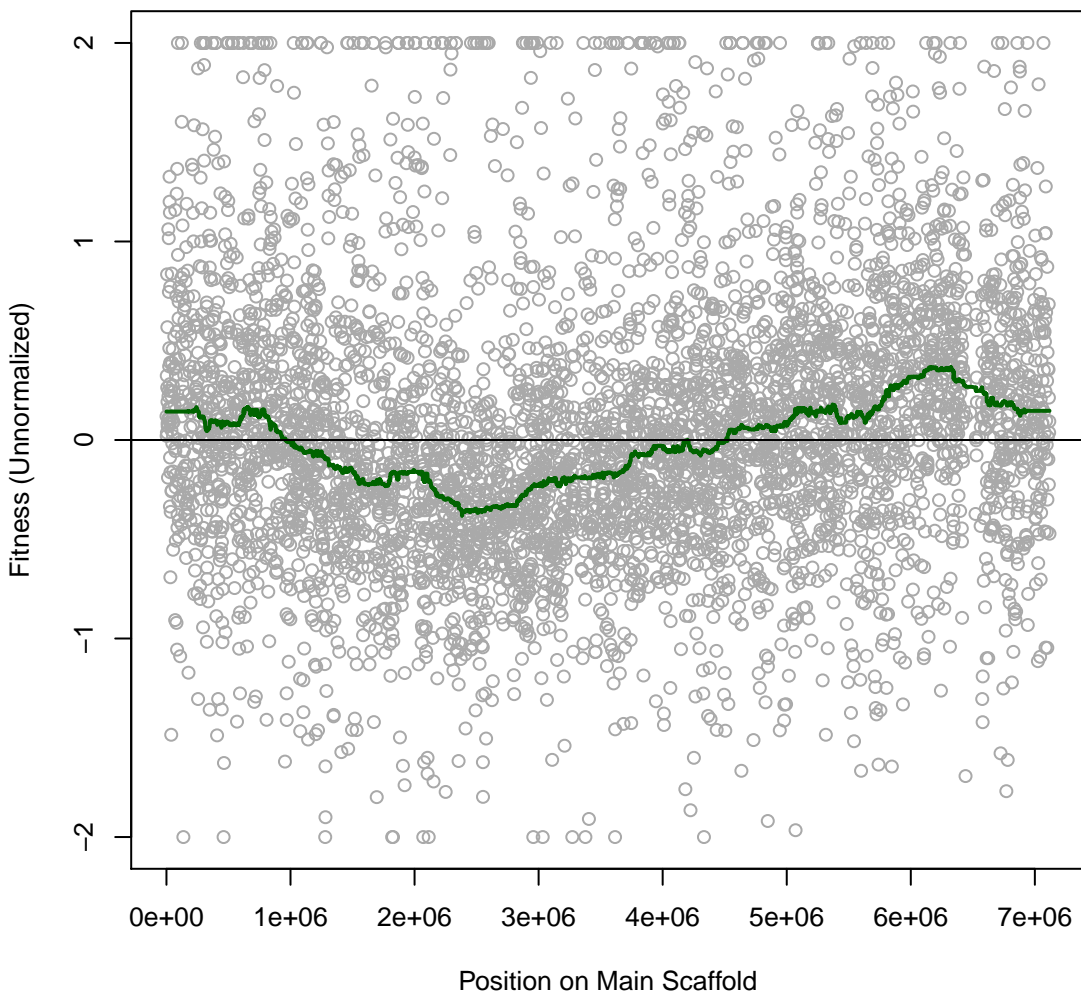
**pseudo5\_N2C3\_1 4IT031 #127 (gMed=171 rho12=0.277)**  
**Nalidixic 0.004 mg/ml**



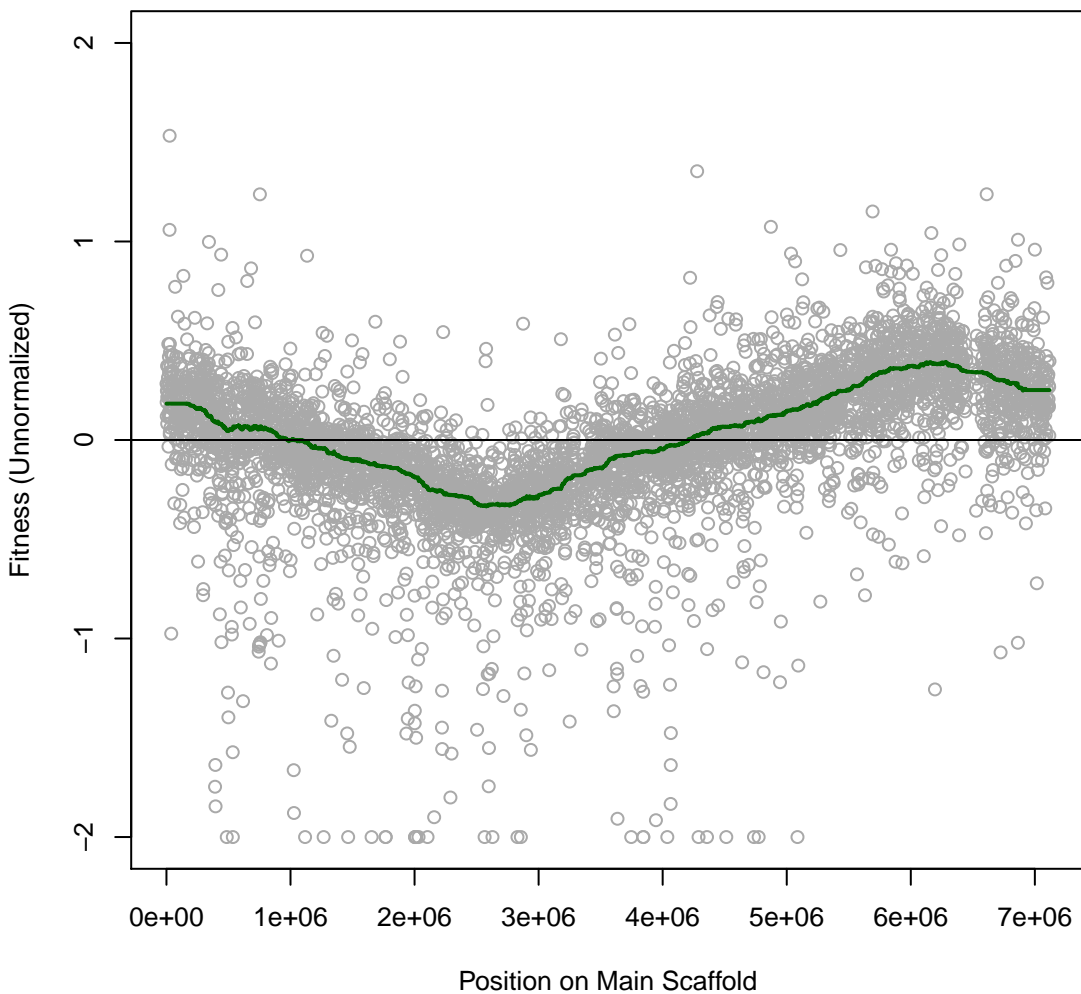
**pseudo5\_N2C3\_1 4IT032 #128 (gMed=43 rho12=0.199)**  
**Nalidixic 0.008 mg/ml**



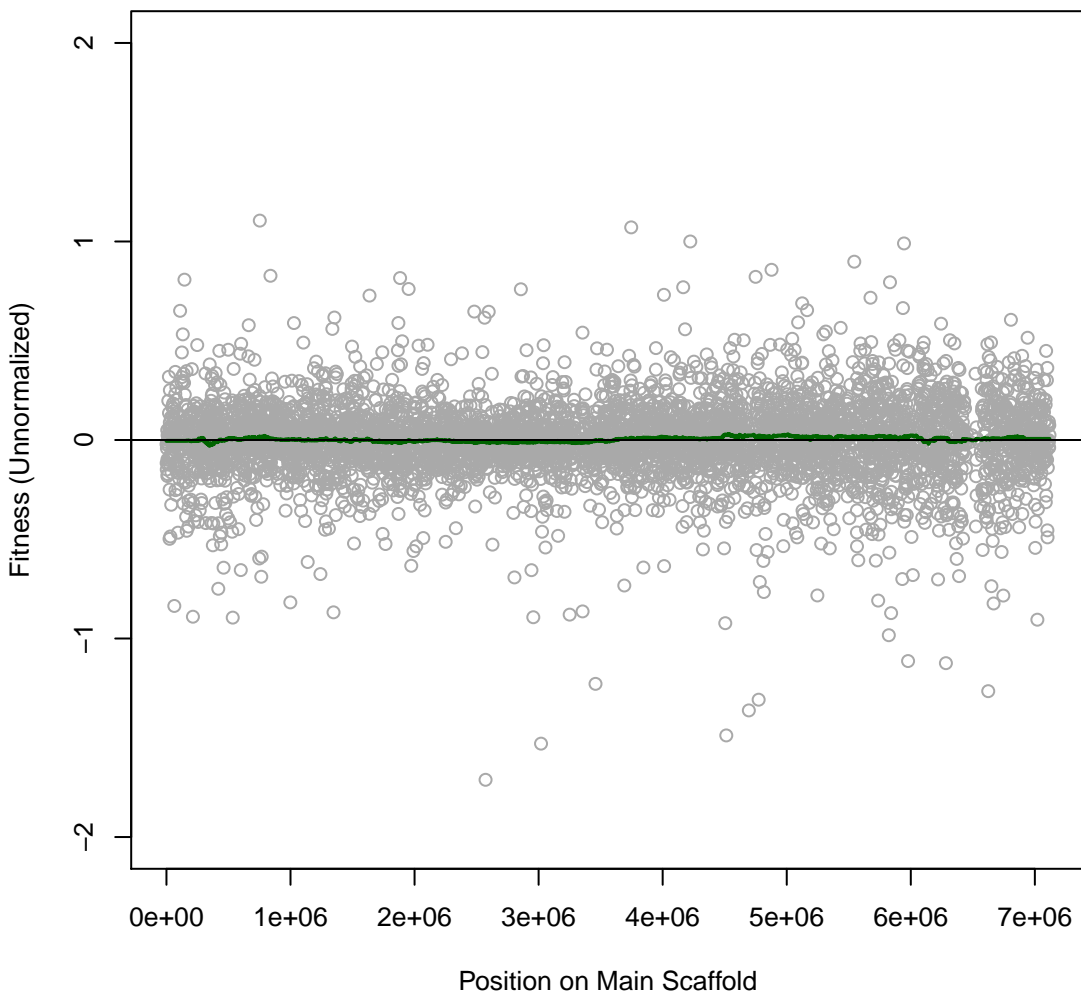
**pseudo5\_N2C3\_1 4IT033 #129 (gMed=6 rho12=0.112)**  
**Gentamicin 0.001 mg/ml**



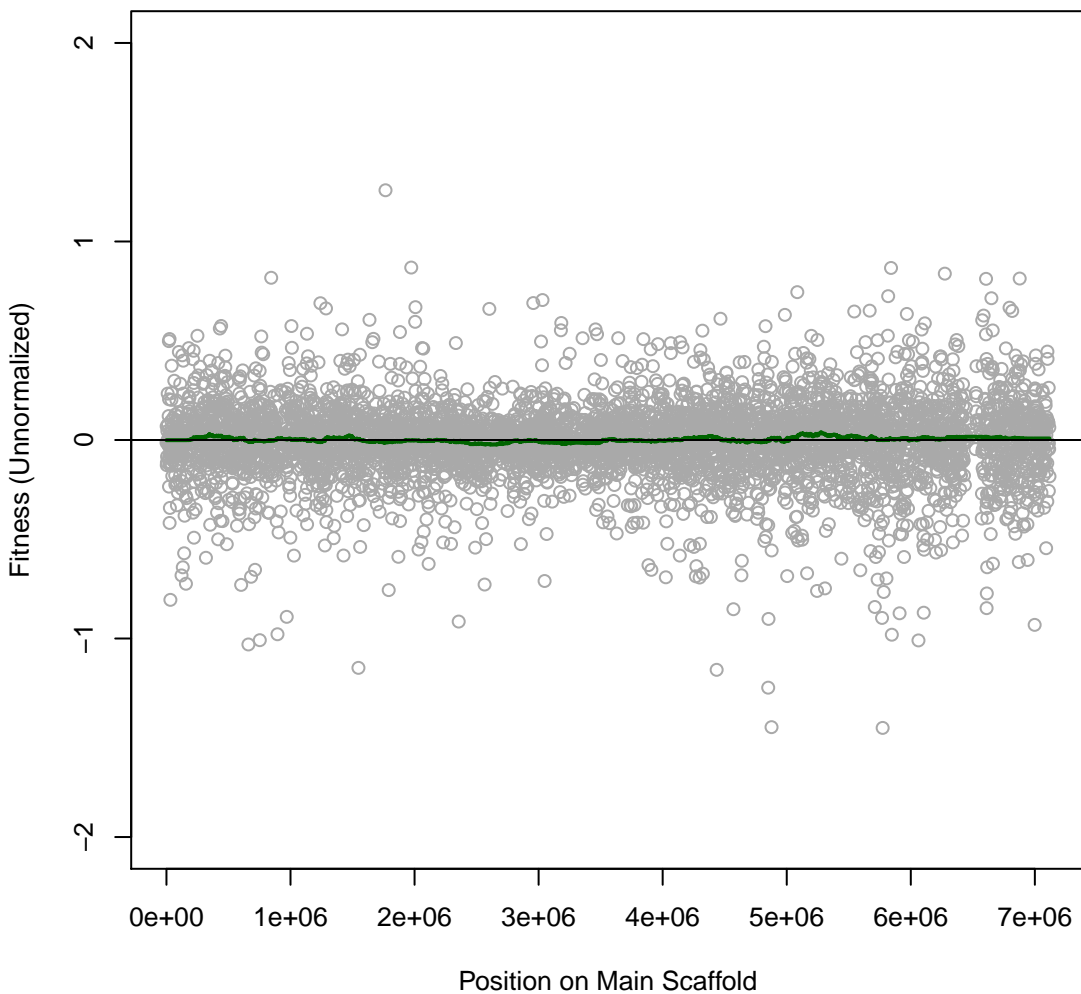
**pseudo5\_N2C3\_1 4IT034 #130 (gMed=176 rho12=0.129)**  
**LB**



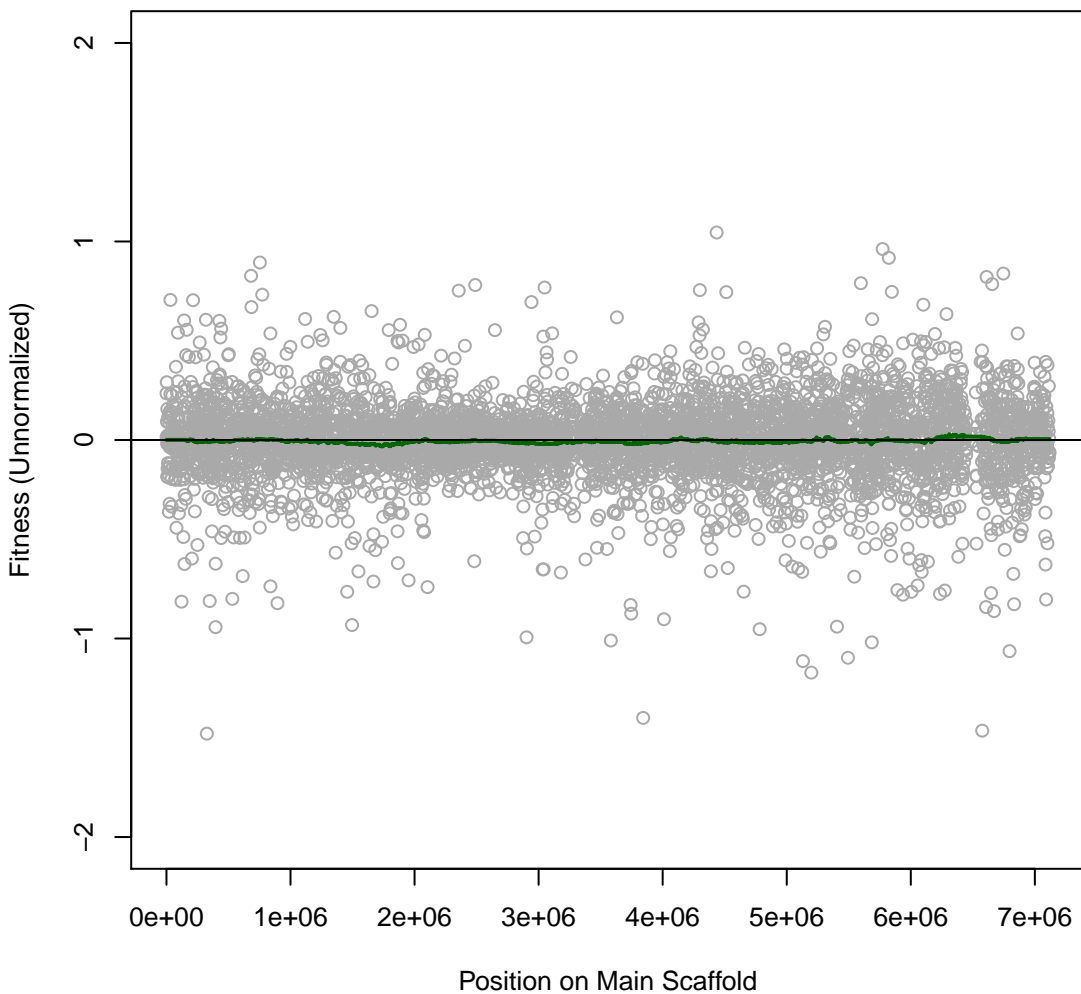
**pseudo5\_N2C3\_1 4IT035 #131 (gMed=176 rho12=0.017)**  
**Time0**



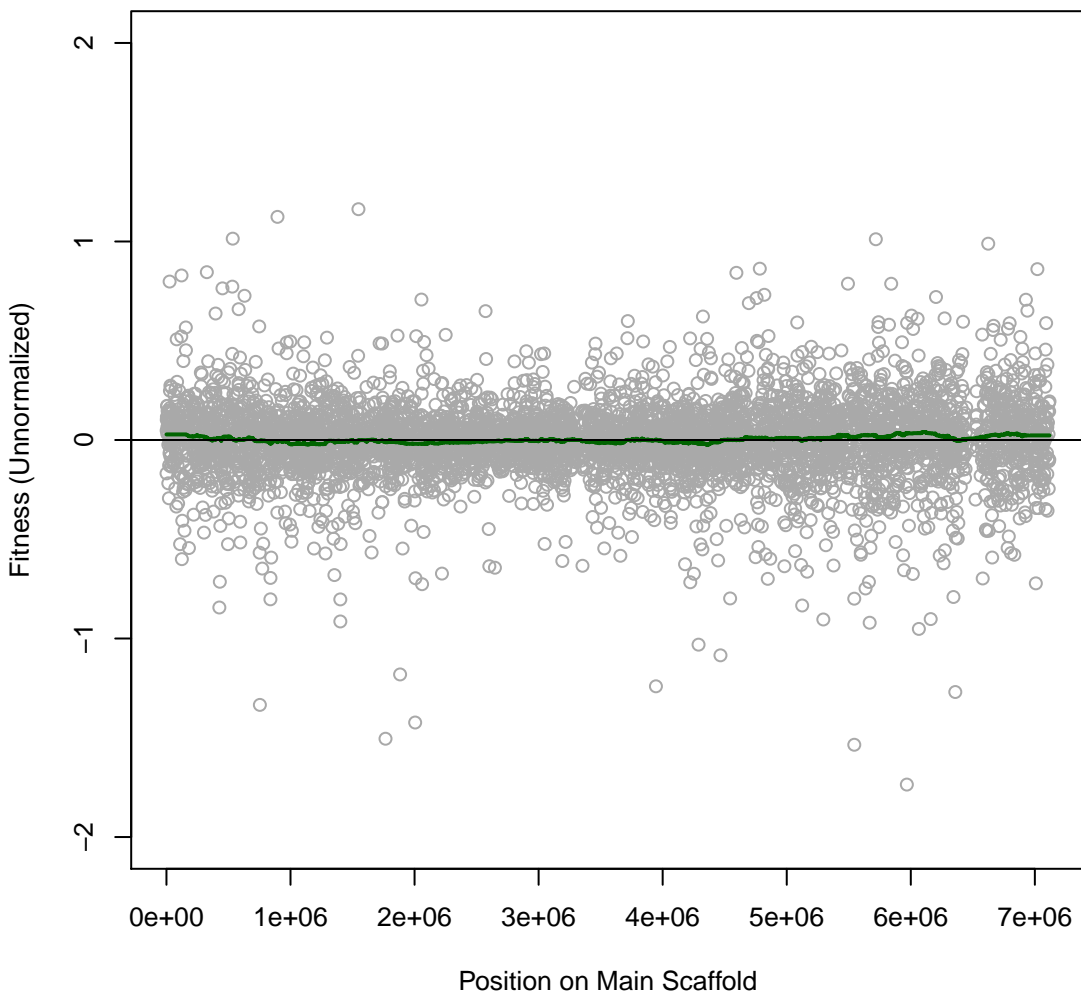
**pseudo5\_N2C3\_1 4IT036 #132 (gMed=174 rho12=0.011)**  
**Time0**



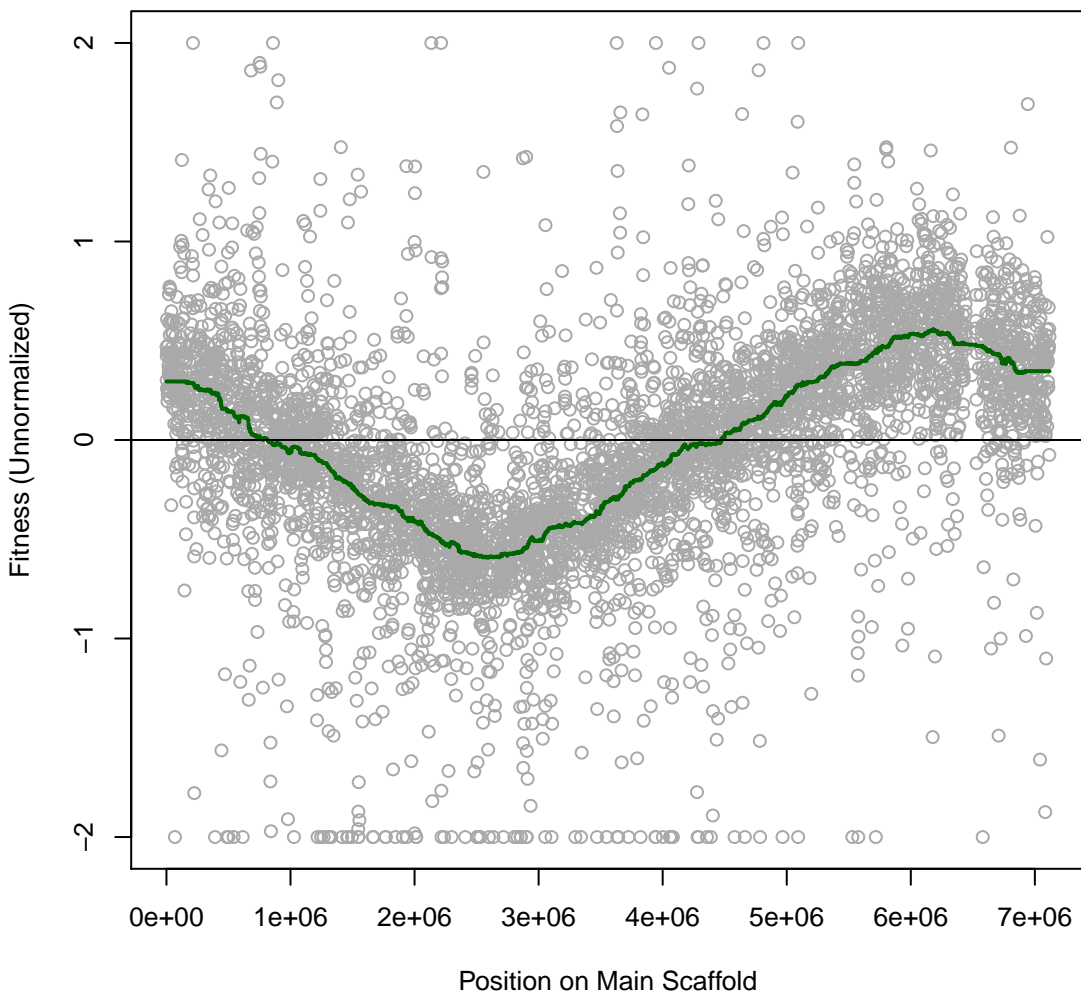
**pseudo5\_N2C3\_1 4IT037 #133 (gMed=172 rho12=-0.021)**  
**Time0**



**pseudo5\_N2C3\_1 4IT038 #134 (gMed=182 rho12=-0.003)**  
**Time0**

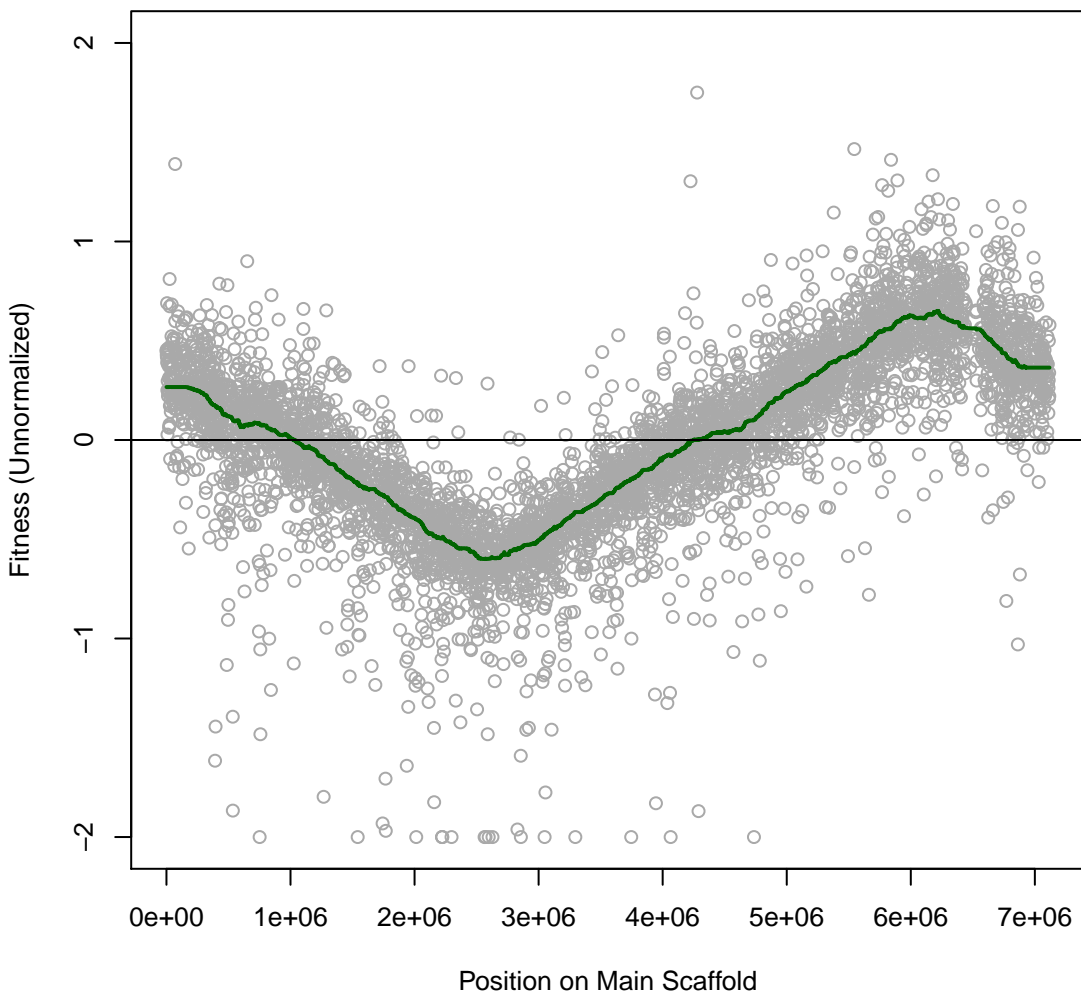


**pseudo5\_N2C3\_1 4IT039 #135 (gMed=176 rho12=0.277)**  
**methylglyoxal 0.016 vol%**

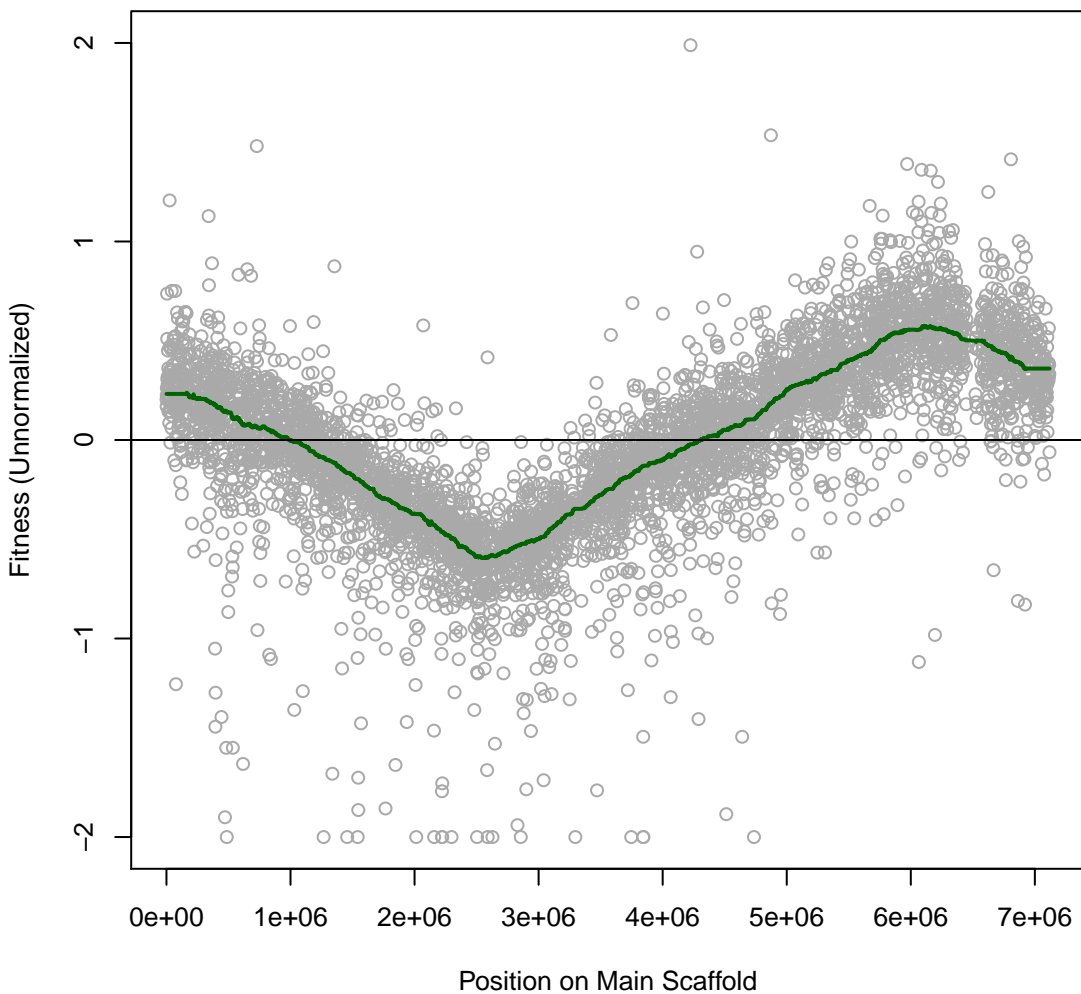


**pseudo5\_N2C3\_1 4IT040 #136 (gMed=189 rho12=0.100)**

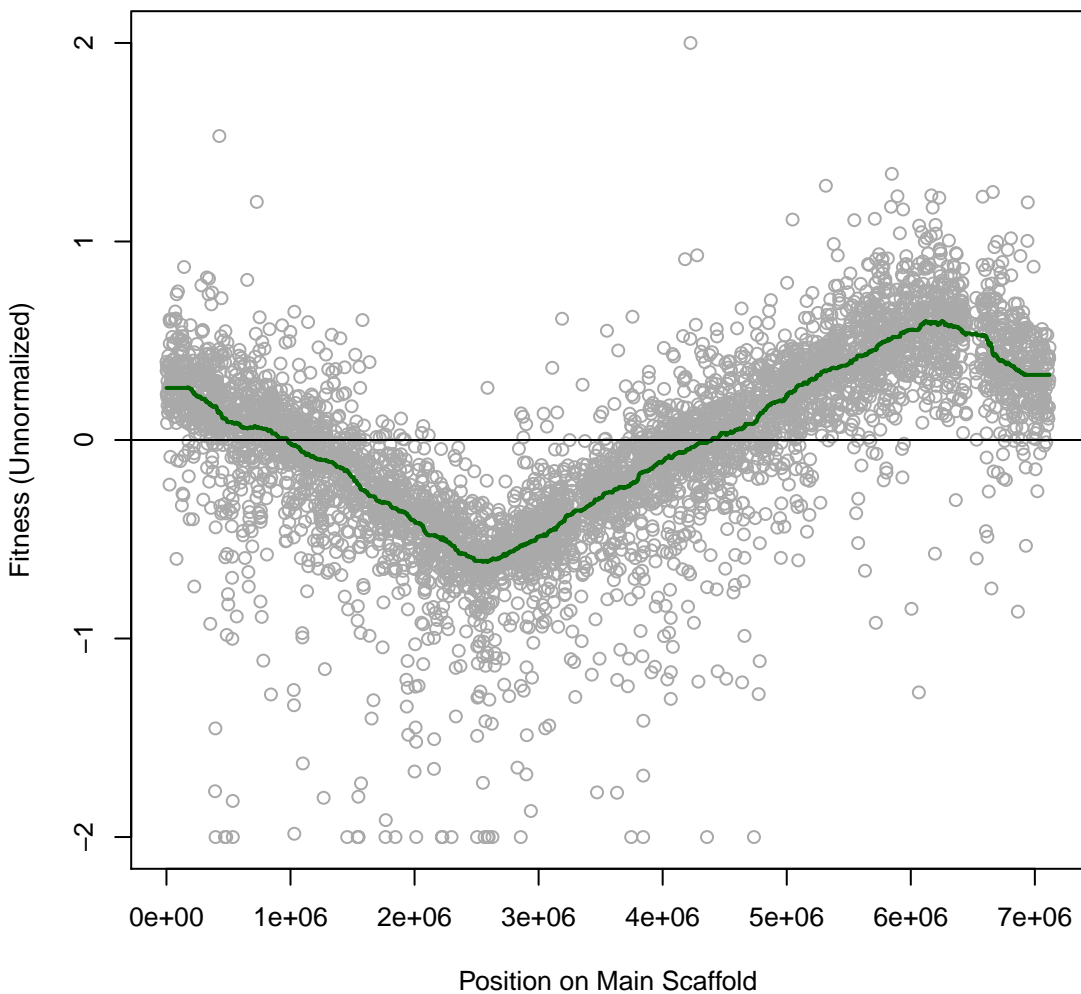
**5-Hydroxymethylfurfural 2.5 mM**



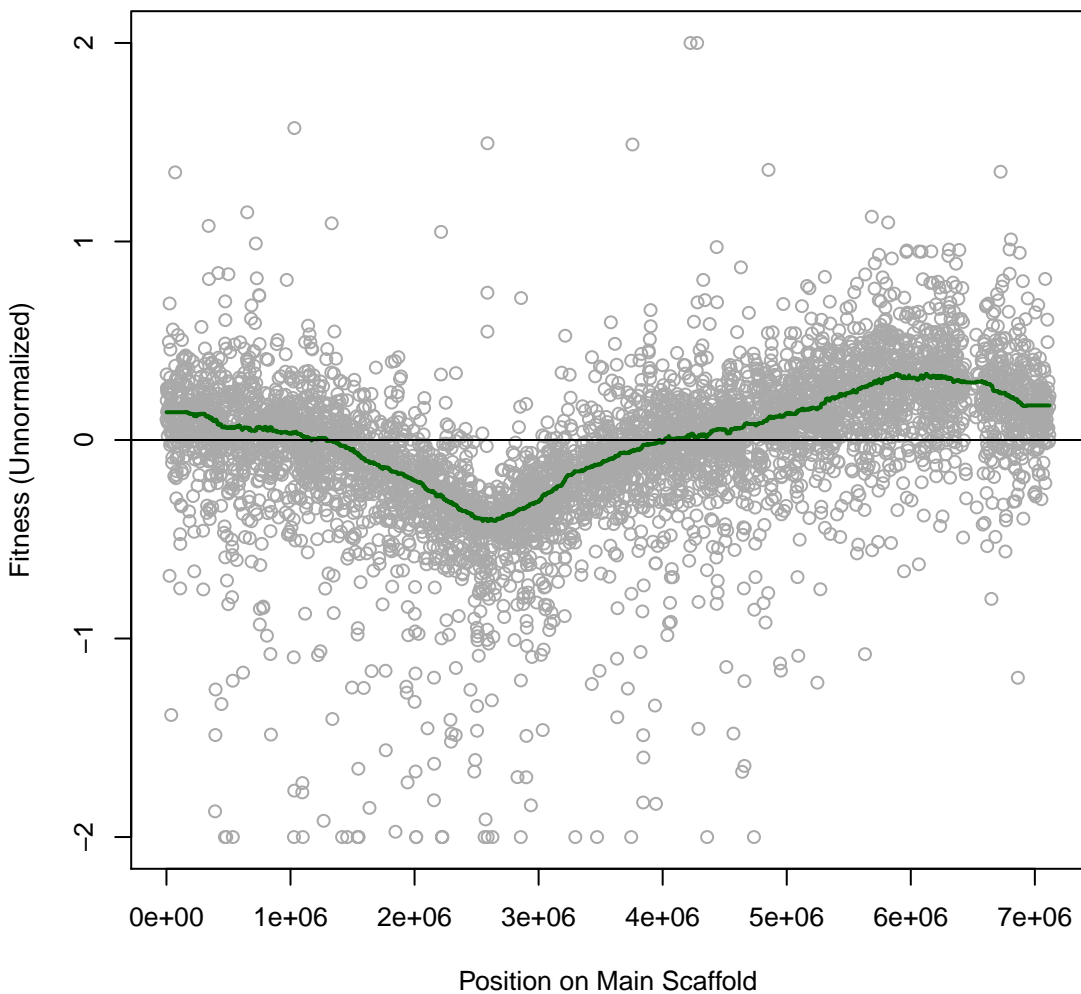
**pseudo5\_N2C3\_1 4IT041 #137 (gMed=180 rho12=0.107)**  
**Vanillin 1.25 mM**



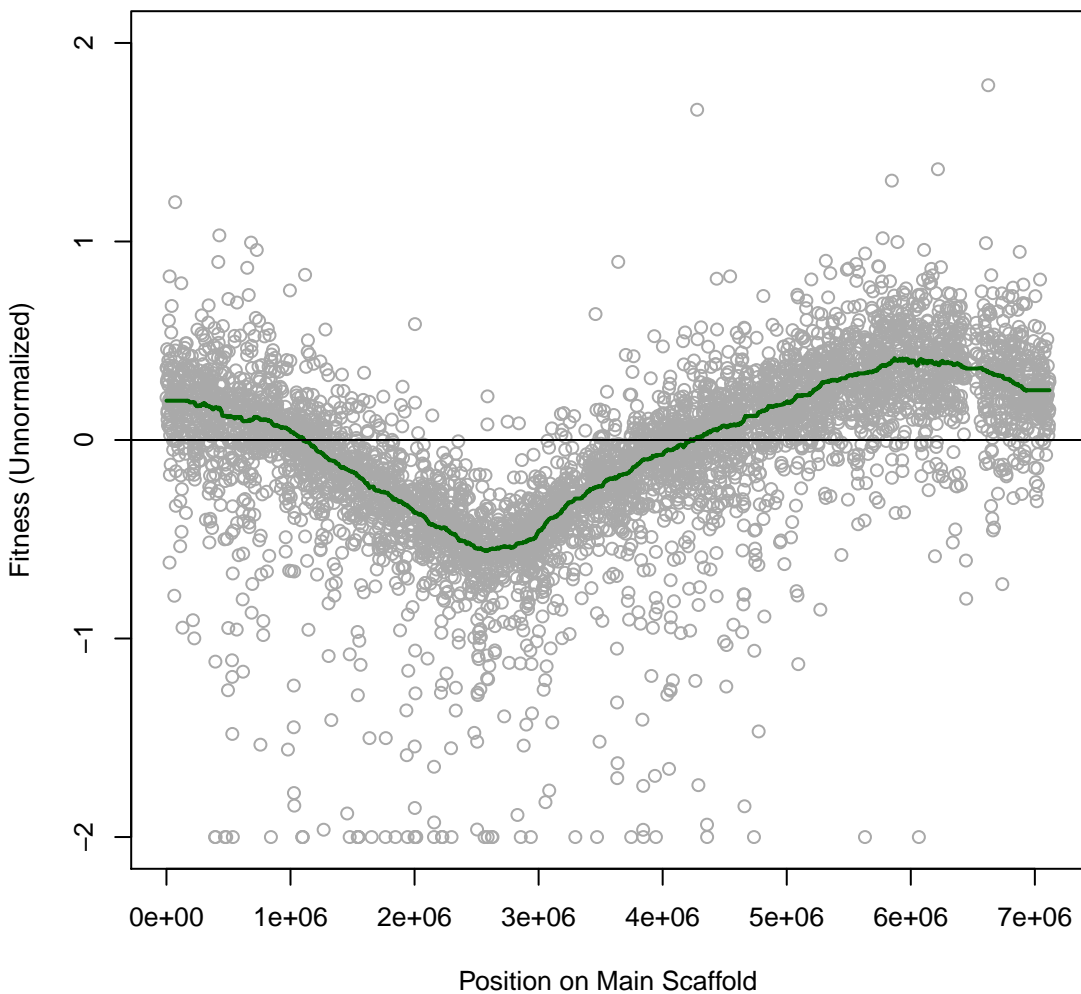
**pseudo5\_N2C3\_1 4IT042 #138 (gMed=188 rho12=0.157)**  
**Vanillin 2.5 mM**



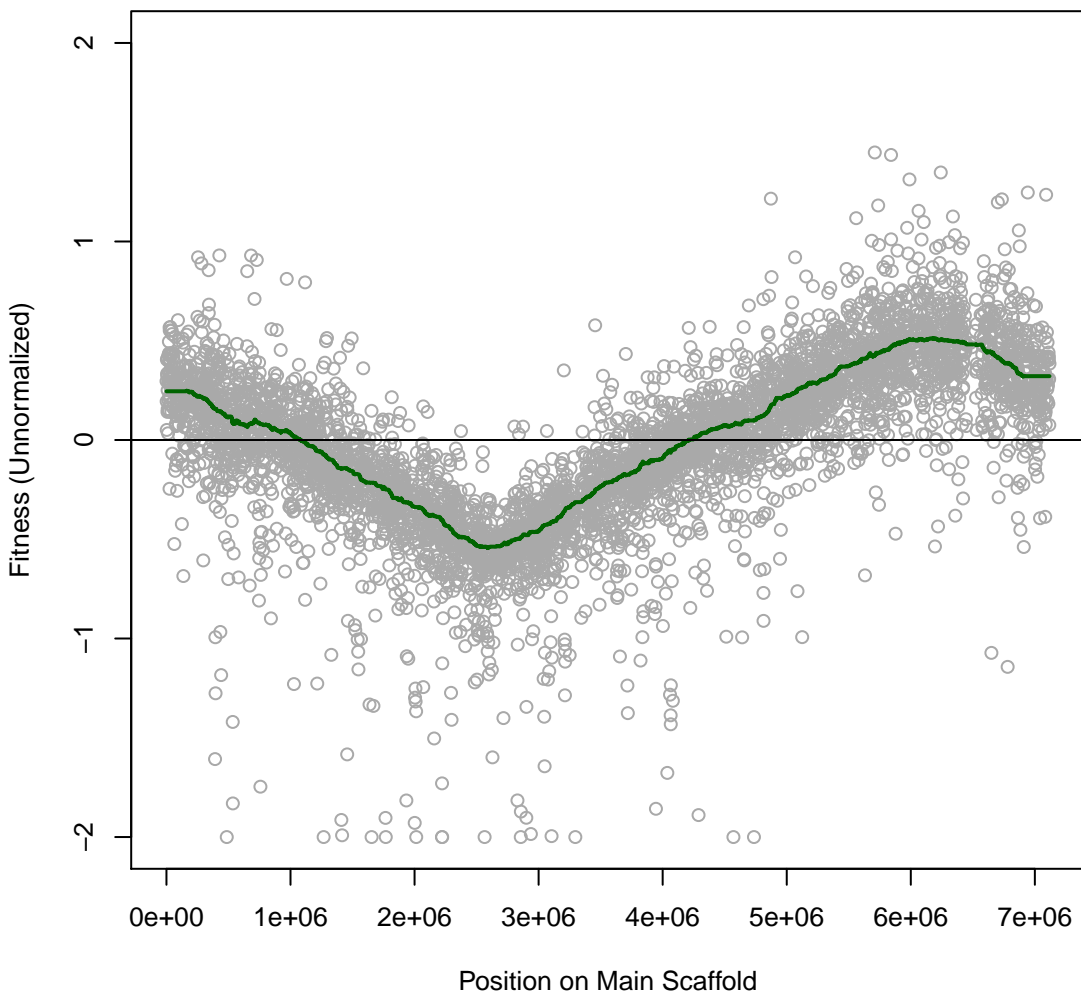
**pseudo5\_N2C3\_1 4IT043 #139 (gMed=180 rho12=0.193)**  
**syringaldehyde 5 mM**



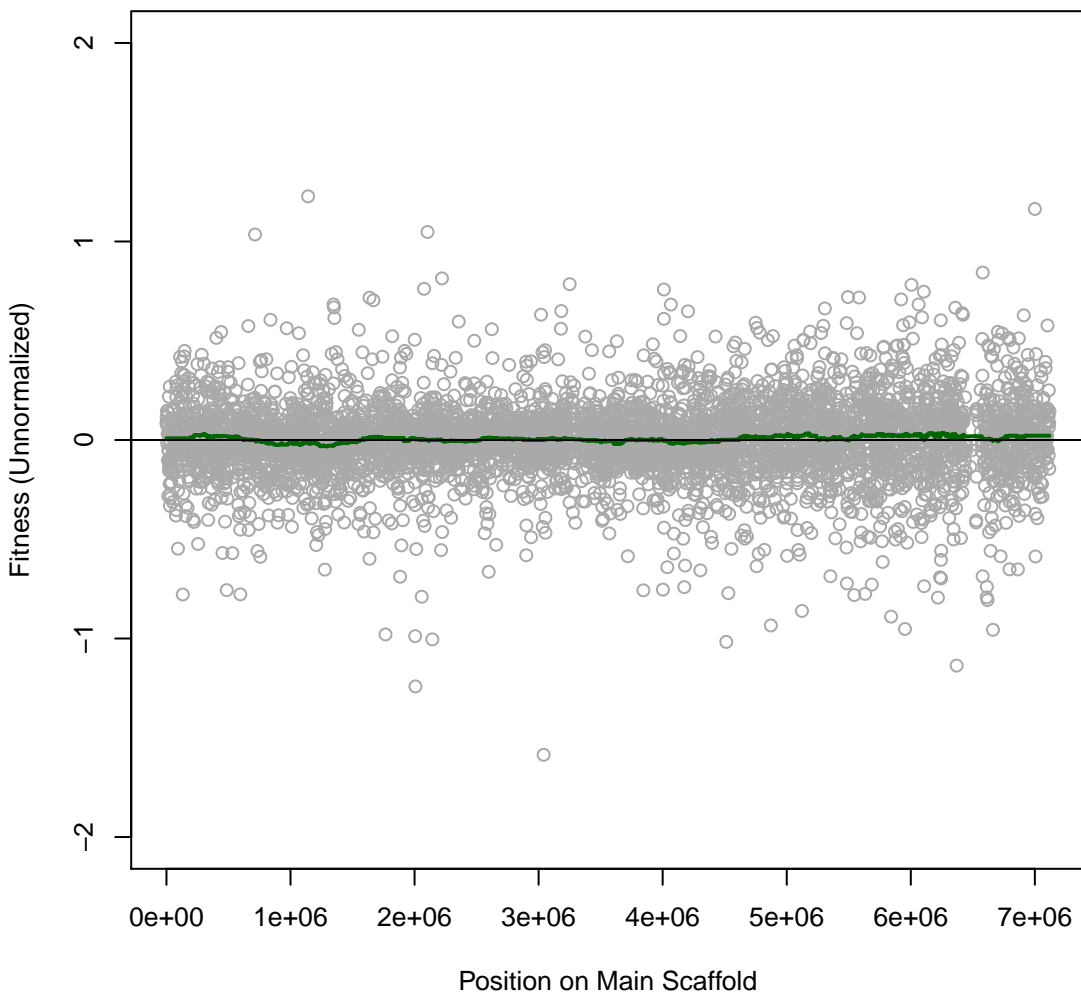
**pseudo5\_N2C3\_1 4IT044 #140 (gMed=190 rho12=0.185)**  
**syringaldehyde 10 mM**



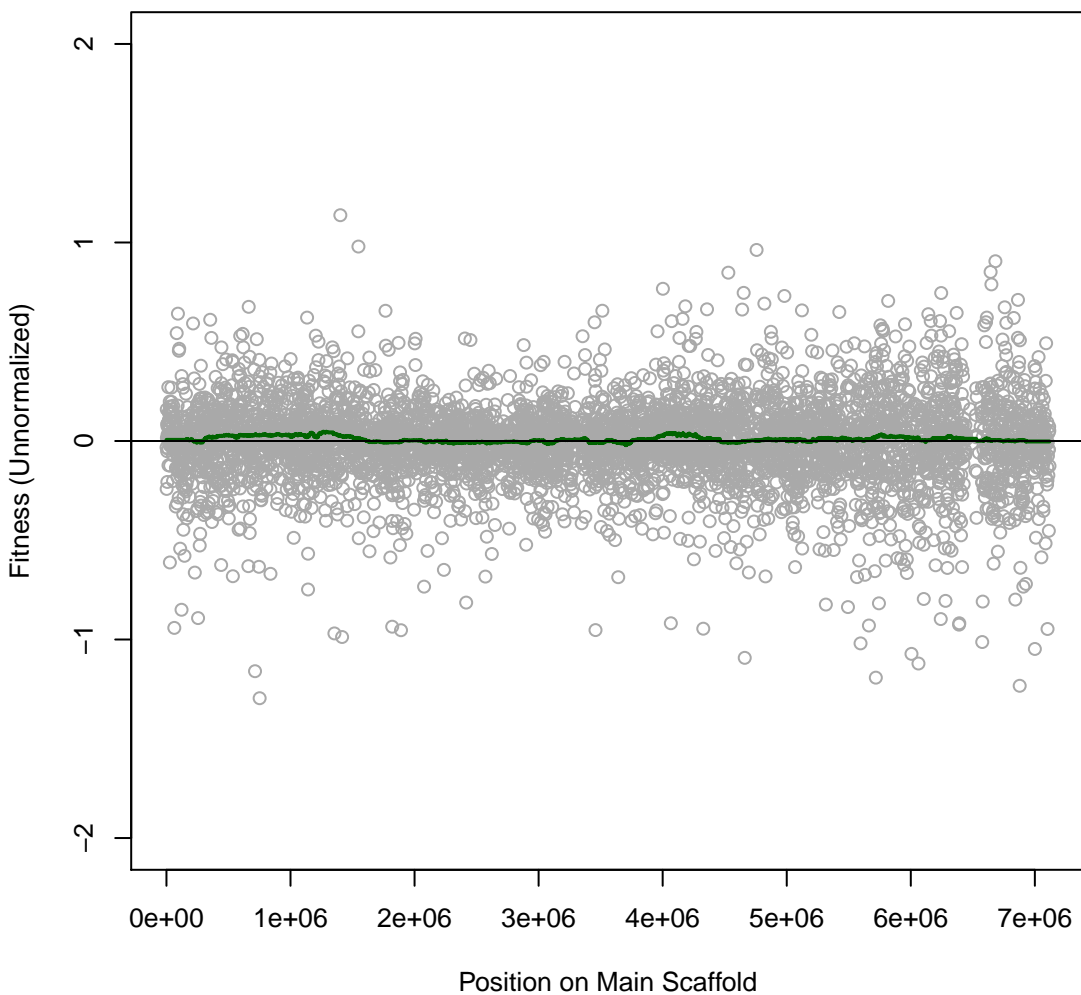
**pseudo5\_N2C3\_1 4IT045 #141 (gMed=191 rho12=0.115)**  
**LB**



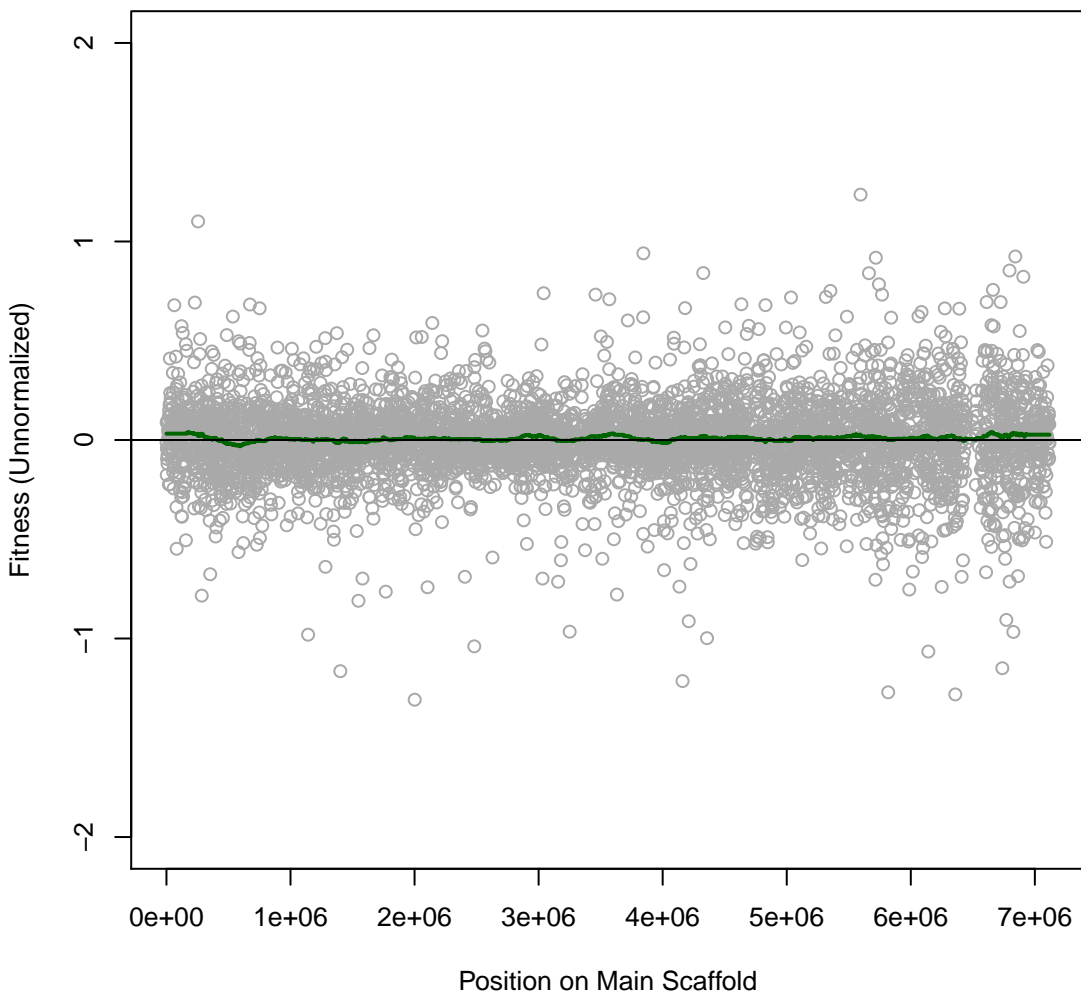
**pseudo5\_N2C3\_1 4IT046 #142 (gMed=174 rho12=0.006)**  
**Time0**



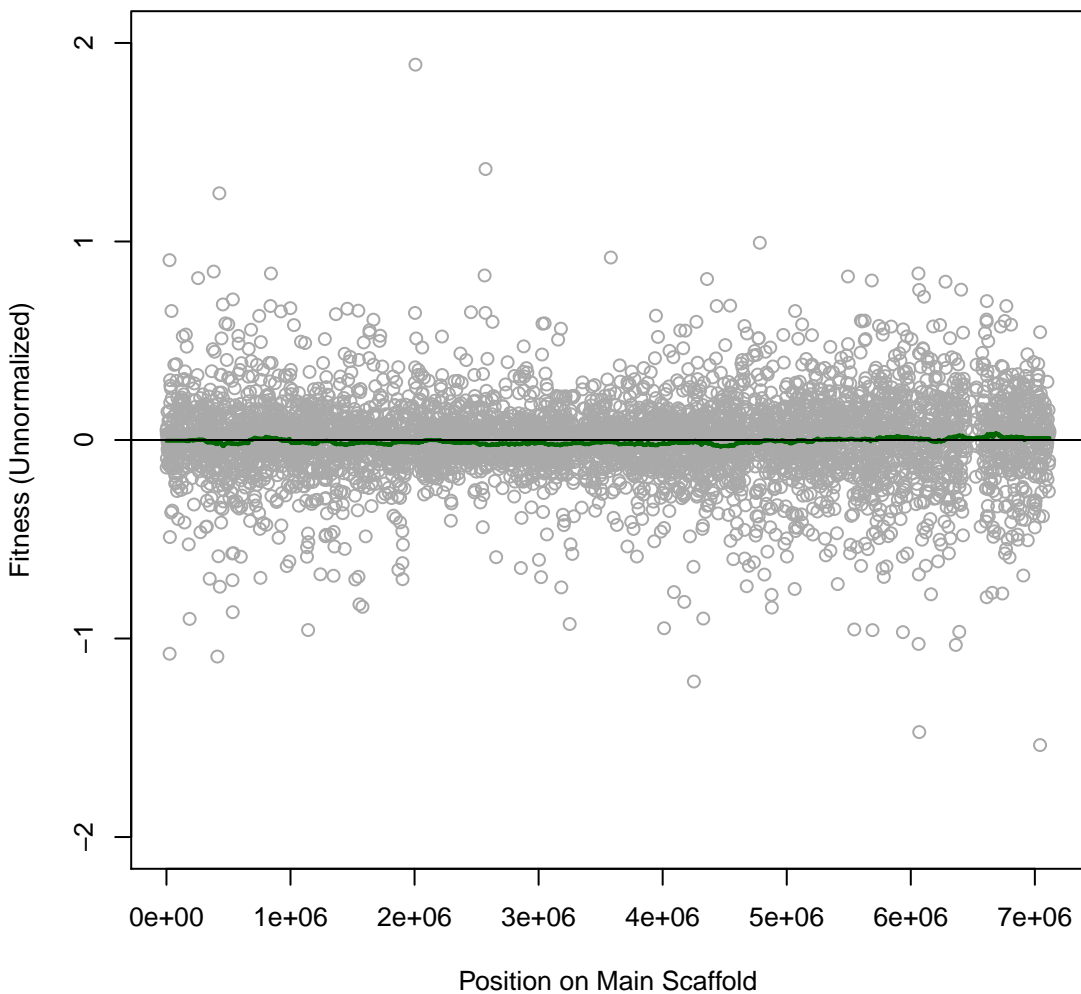
**pseudo5\_N2C3\_1 4IT047 #143 (gMed=163 rho12=-0.003)**  
**Time0**



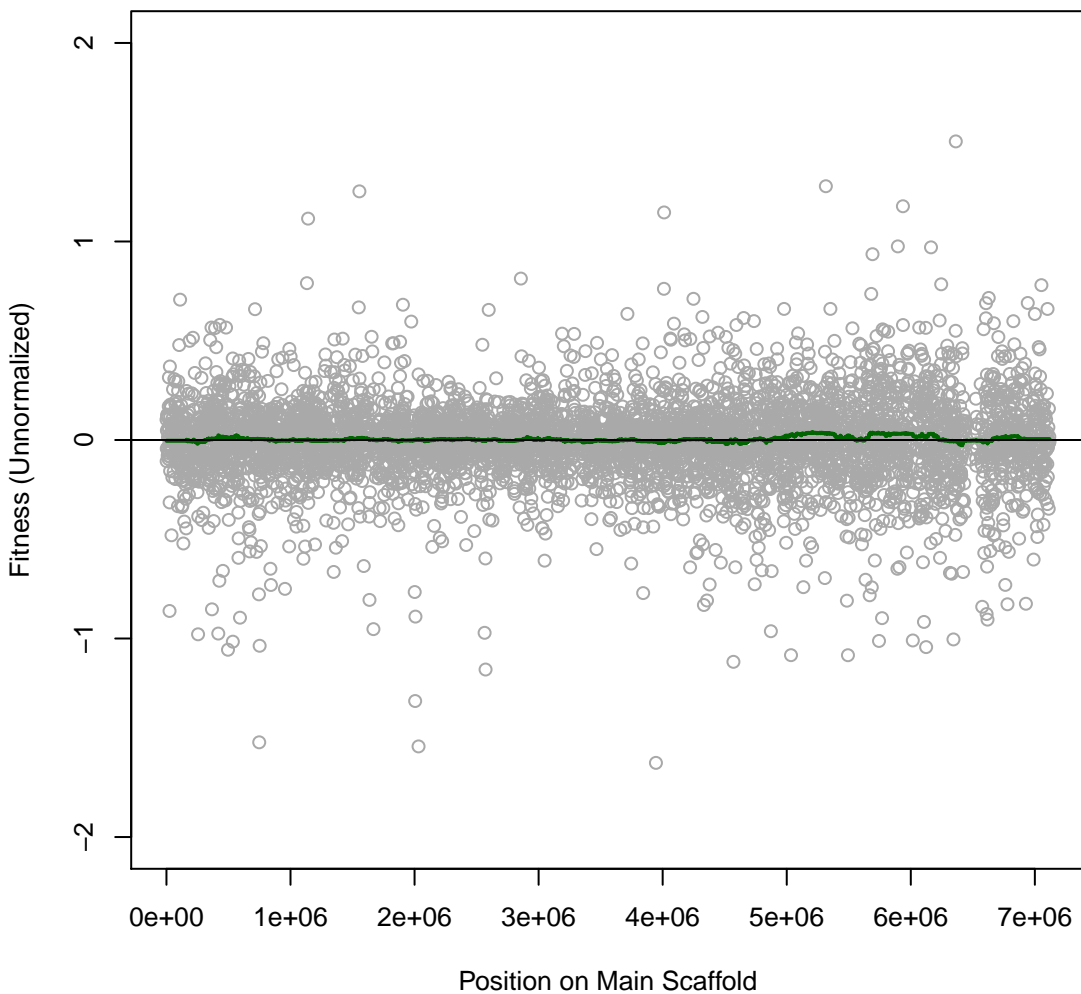
**pseudo5\_N2C3\_1 4IT048 #144 (gMed=179 rho12=-0.014)**  
**Time0**



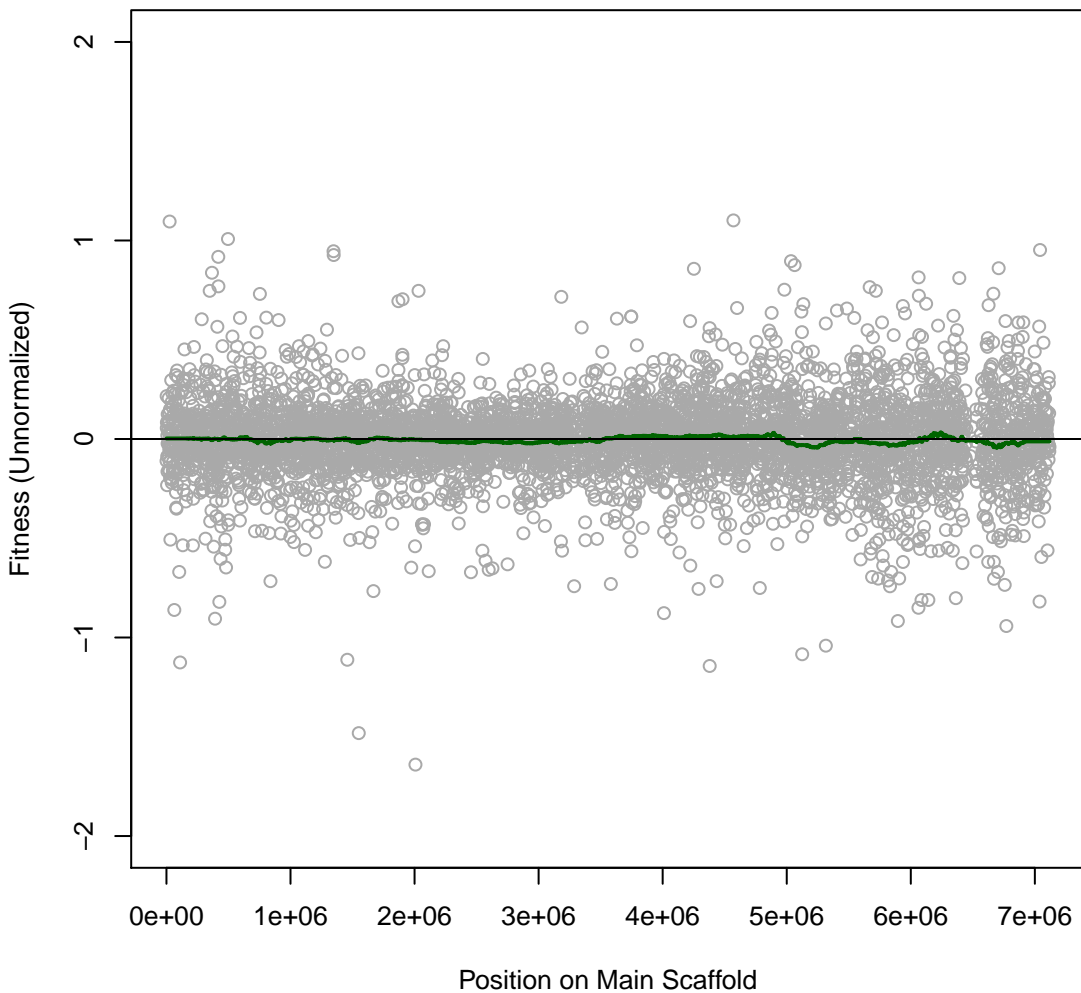
**pseudo5\_N2C3\_1 5IT049 #145 (gMed=167 rho12=-0.025)**  
**Time0**



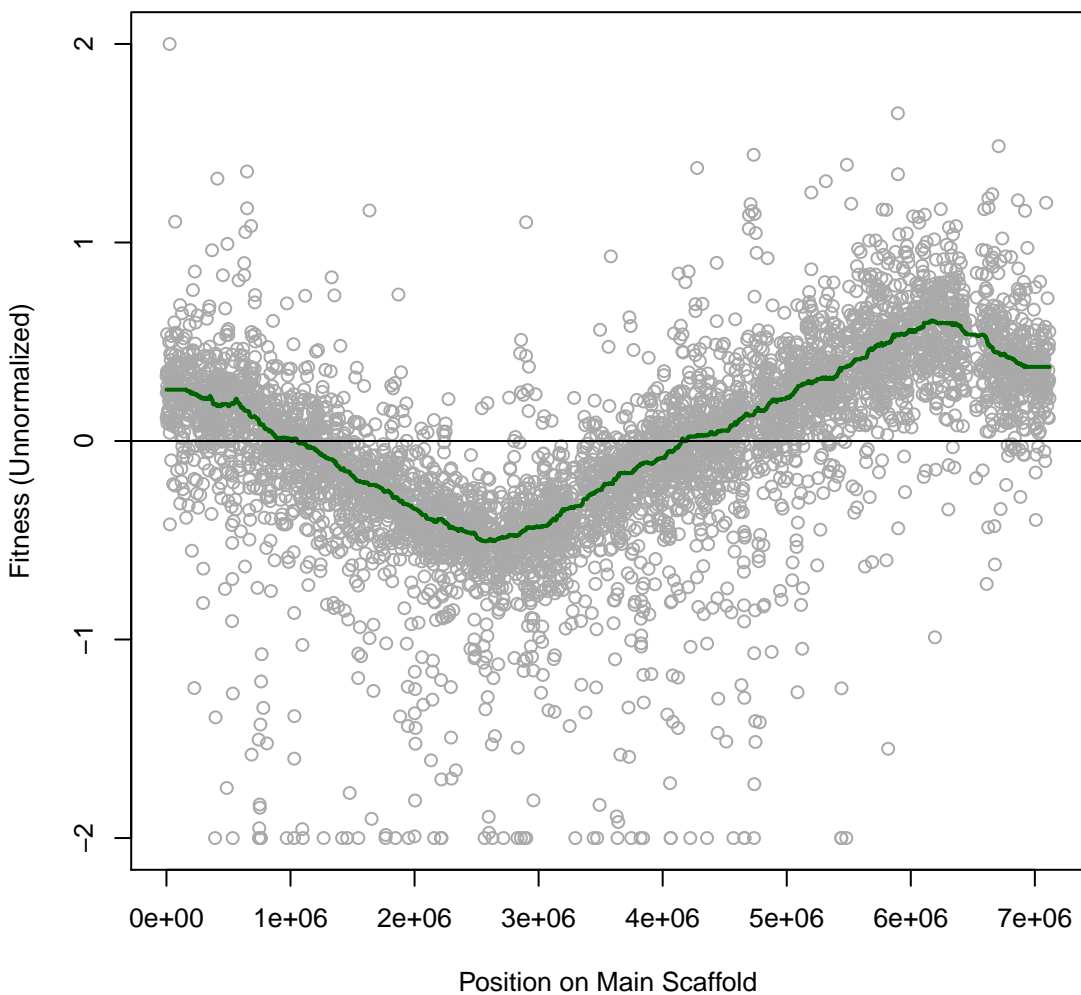
**pseudo5\_N2C3\_1 5IT050 #146 (gMed=165 rho12=-0.034)**  
**Time0**



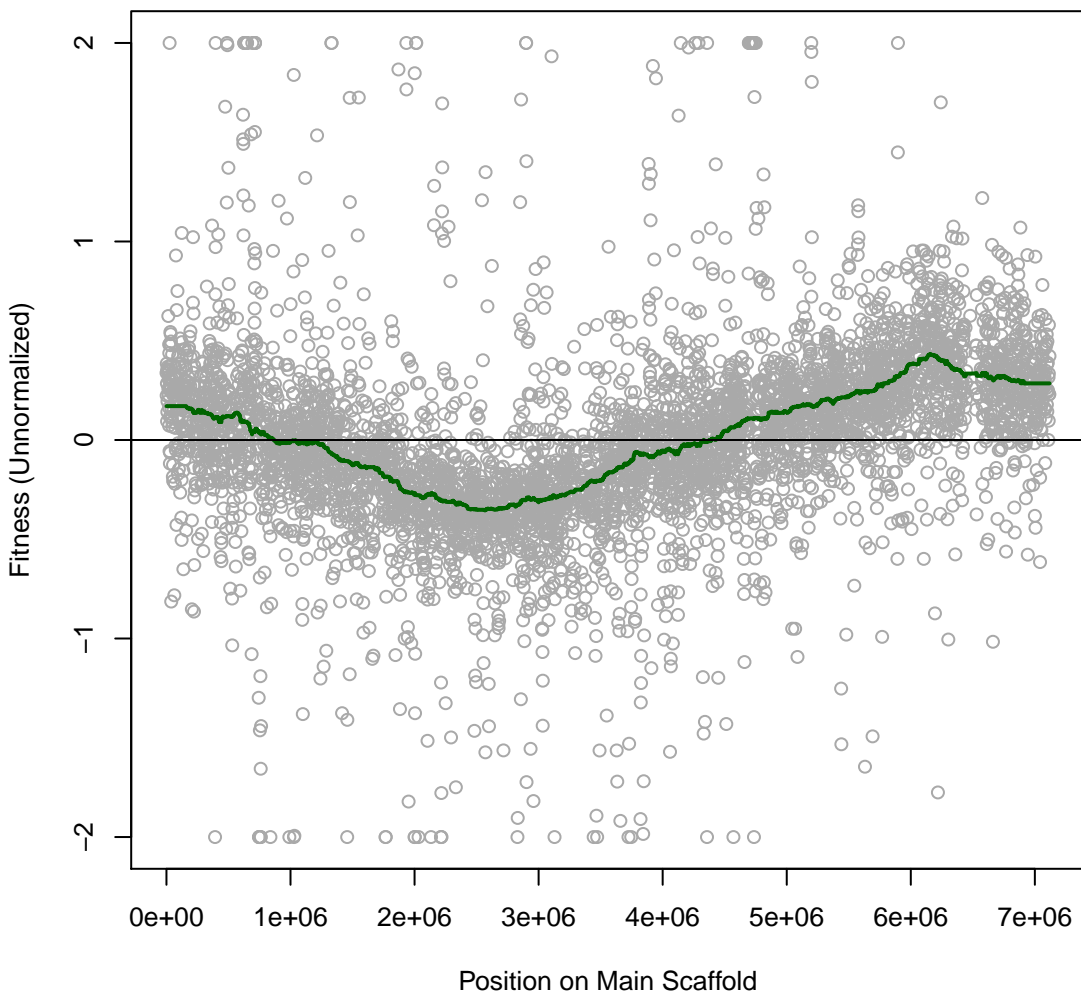
**pseudo5\_N2C3\_1 5IT051 #147 (gMed=163 rho12=-0.005)**  
**Time0**



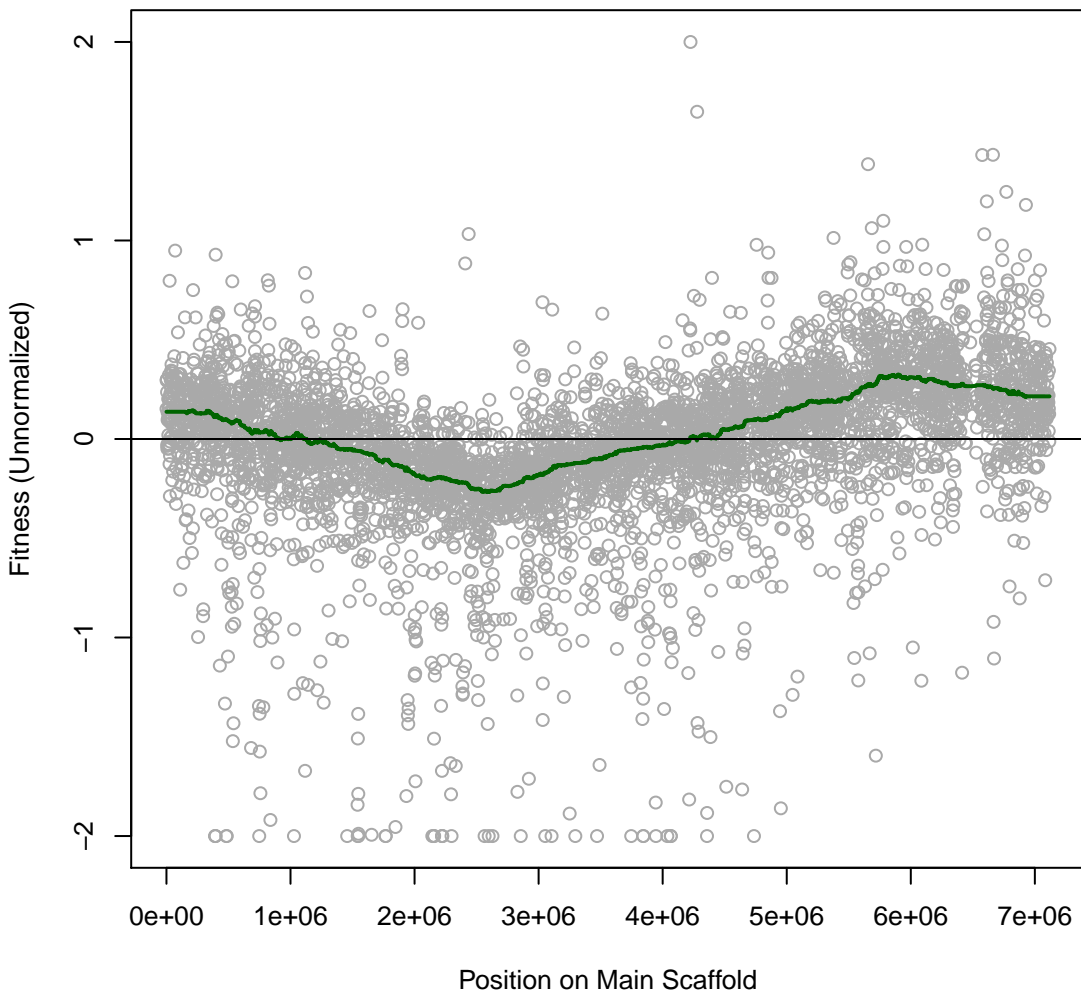
**pseudo5\_N2C3\_1 5IT052 #148 (gMed=165 rho12=0.239)**  
**Choline chloride 300 mM**



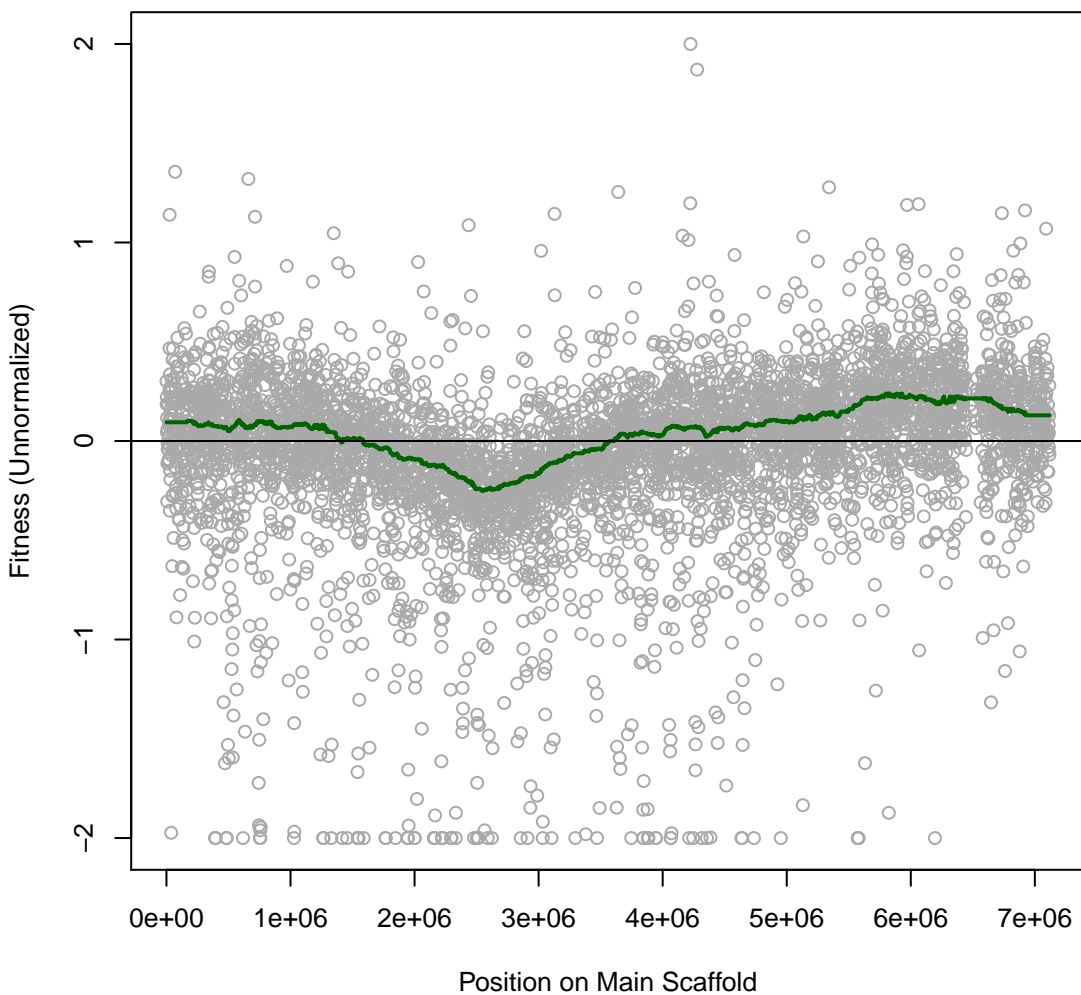
**pseudo5\_N2C3\_1 5IT053 #149 (gMed=163 rho12=0.242)**  
**Choline chloride 500 mM**



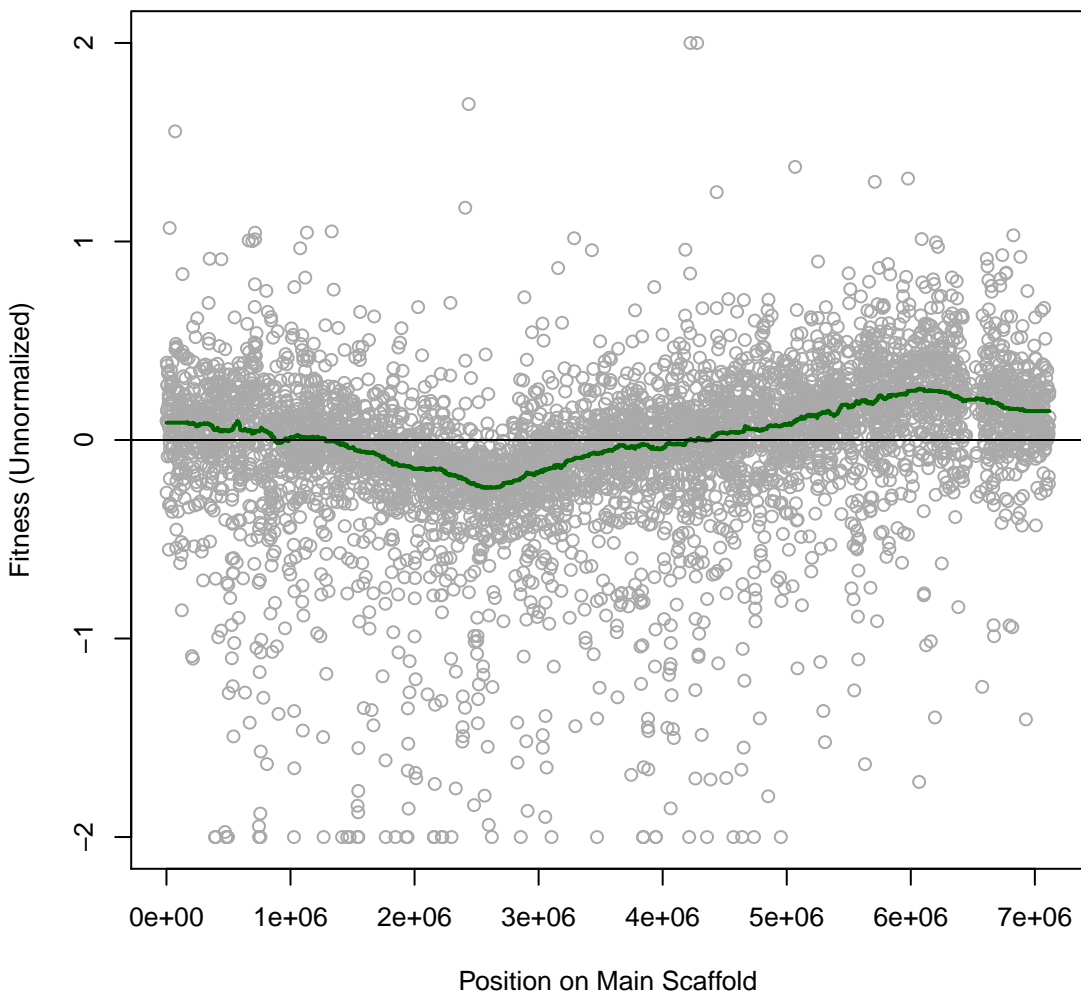
**pseudo5\_N2C3\_1 5IT054 #150 (gMed=169 rho12=0.186)**  
**Cholin acetate 20 mM**



**pseudo5\_N2C3\_1 5IT055 #151 (gMed=168 rho12=0.252)**  
**Cholin acetate 40 mM**

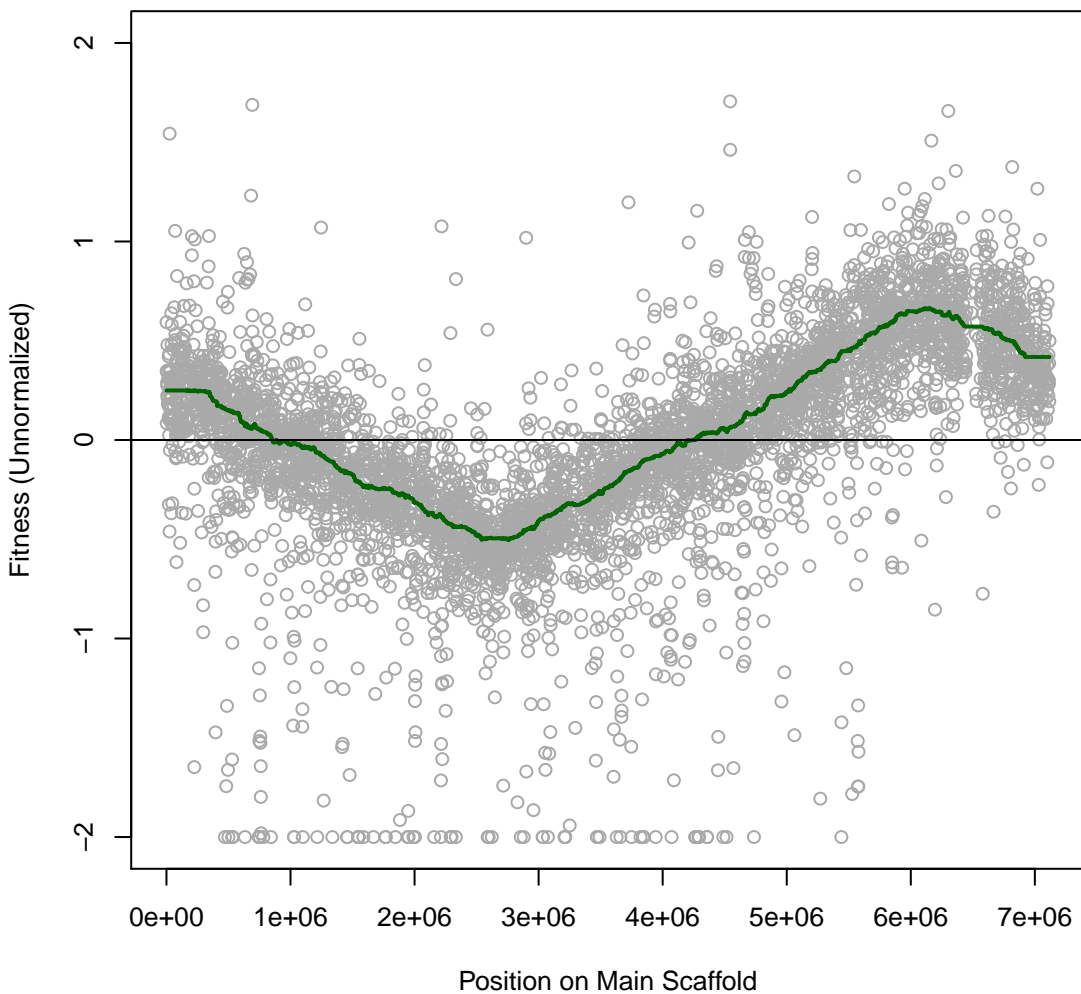


**pseudo5\_N2C3\_1 5IT056 #152 (gMed=161 rho12=0.203)**  
**acetate 40 mM**



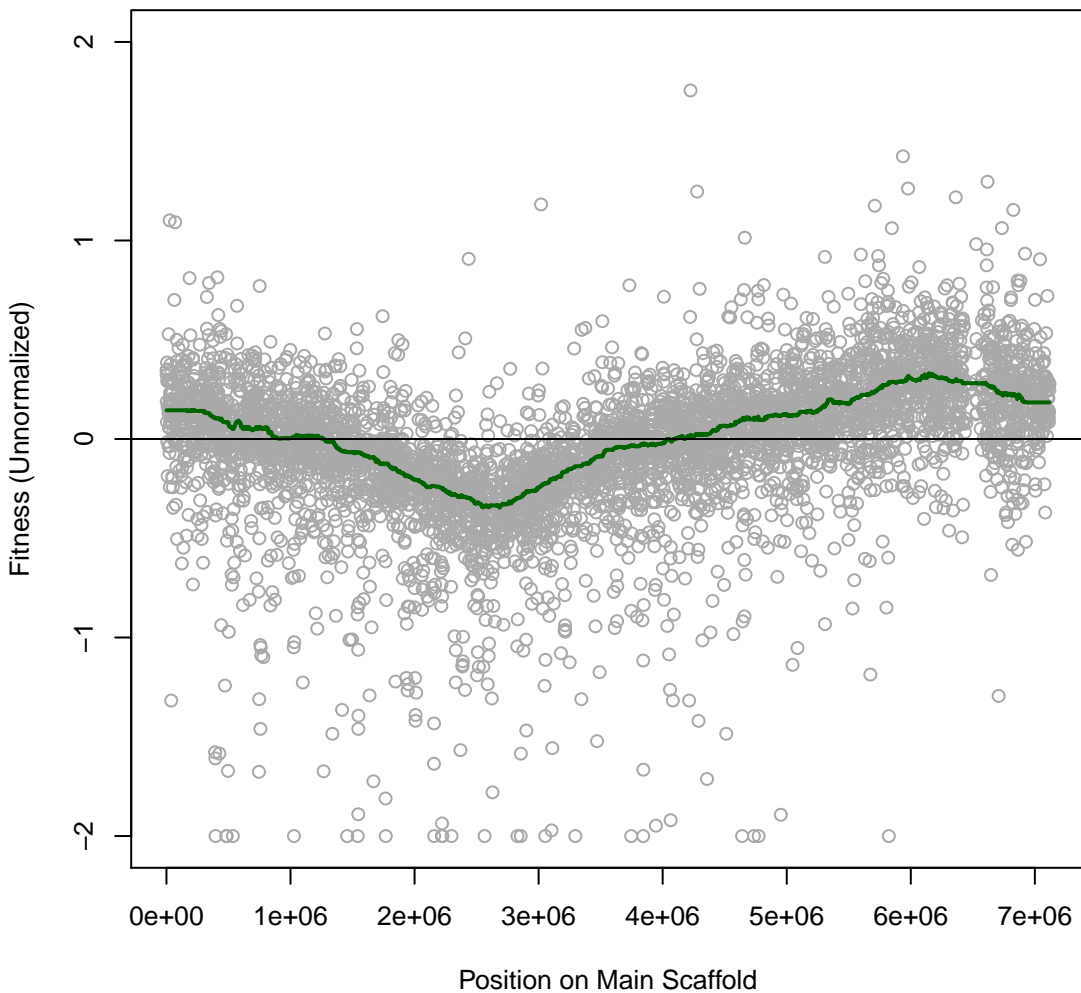
**pseudo5\_N2C3\_1 5IT057 #153 (gMed=168 rho12=0.225)**

**1-ethyl-3-methylimidazolium lysine 10 mM**

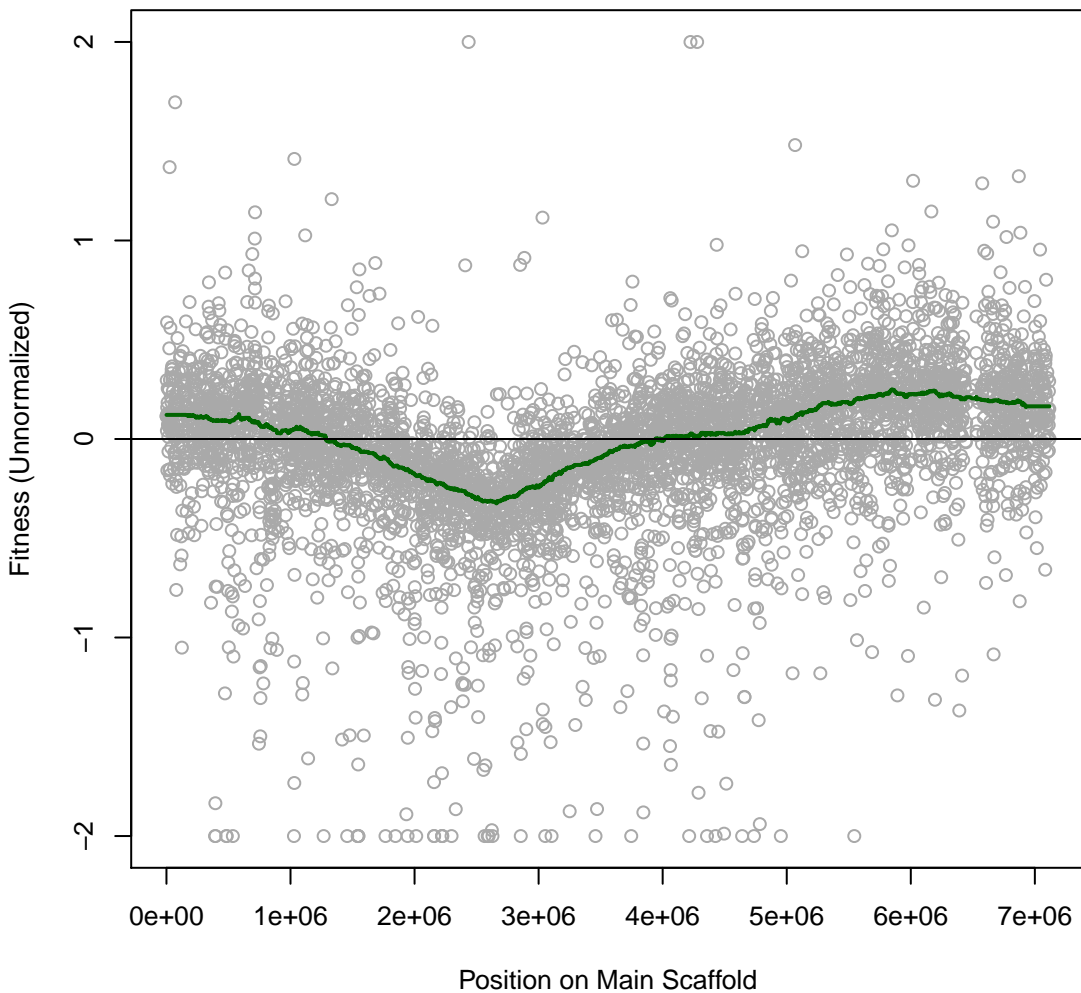


**pseudo5\_N2C3\_1 5IT058 #154 (gMed=170 rho12=0.149)**

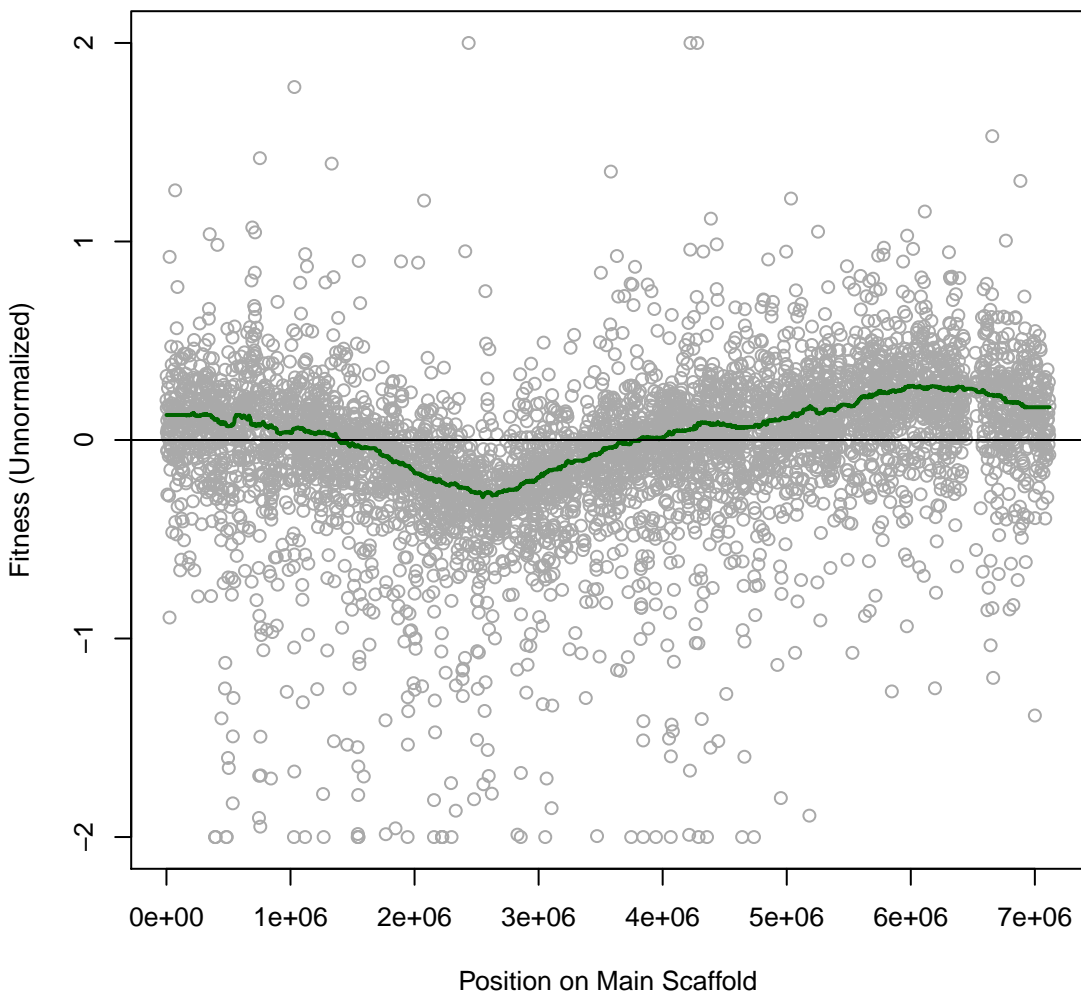
**1-ethyl-3-methylimidazolium acetate 5 mM**



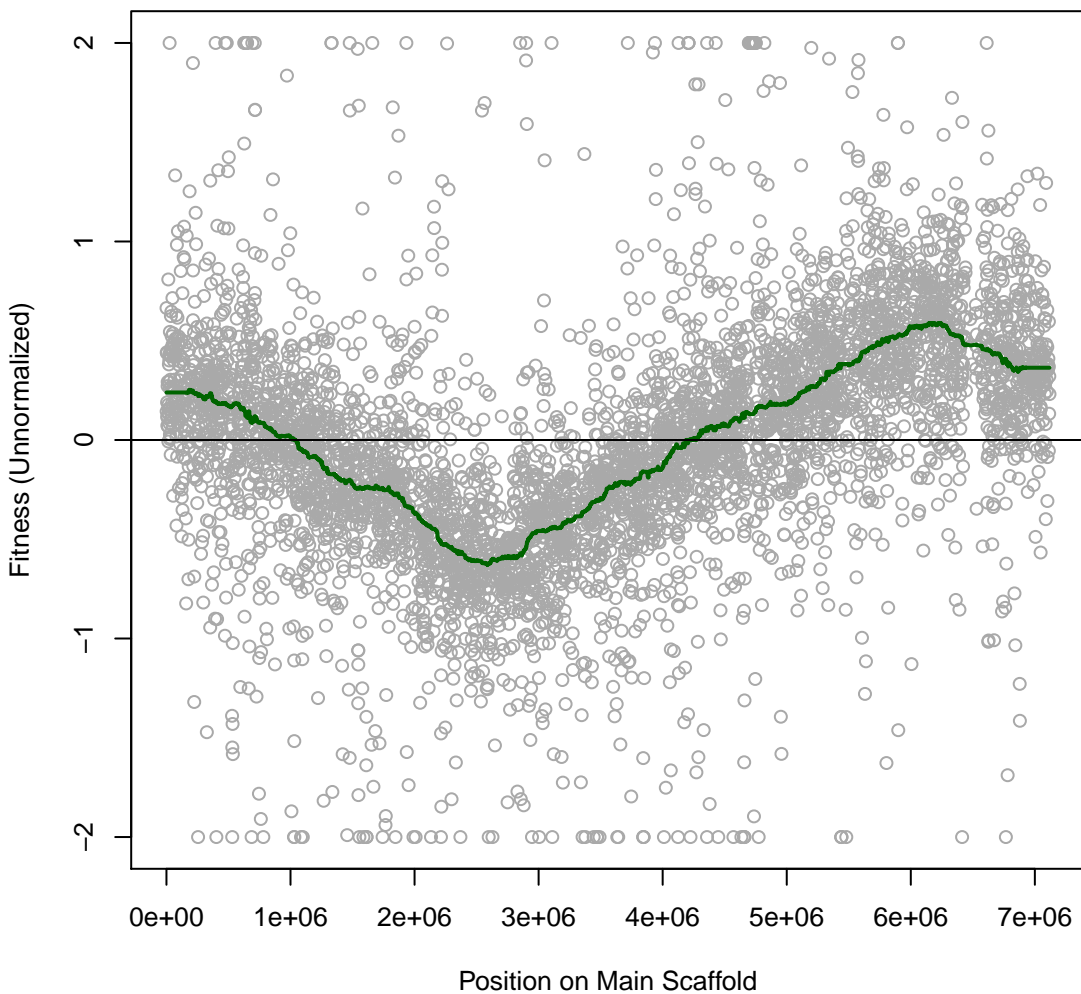
**pseudo5\_N2C3\_1 5IT059 #155 (gMed=169 rho12=0.196)**  
**1-ethyl-3-methylimidazolium acetate 10 mM**



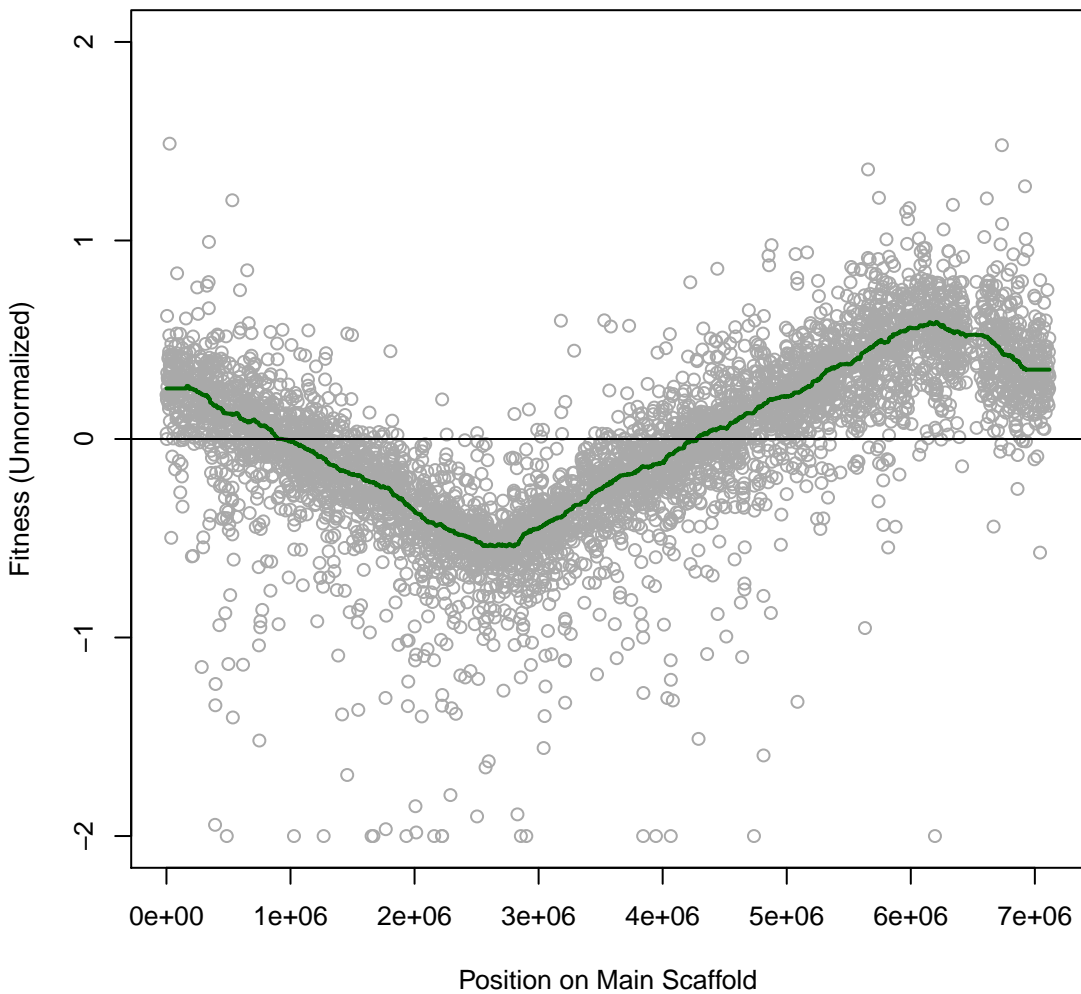
**pseudo5\_N2C3\_1 5IT060 #156 (gMed=170 rho12=0.200)**  
**1-ethyl-3-methylimidazolium acetate 20 mM**



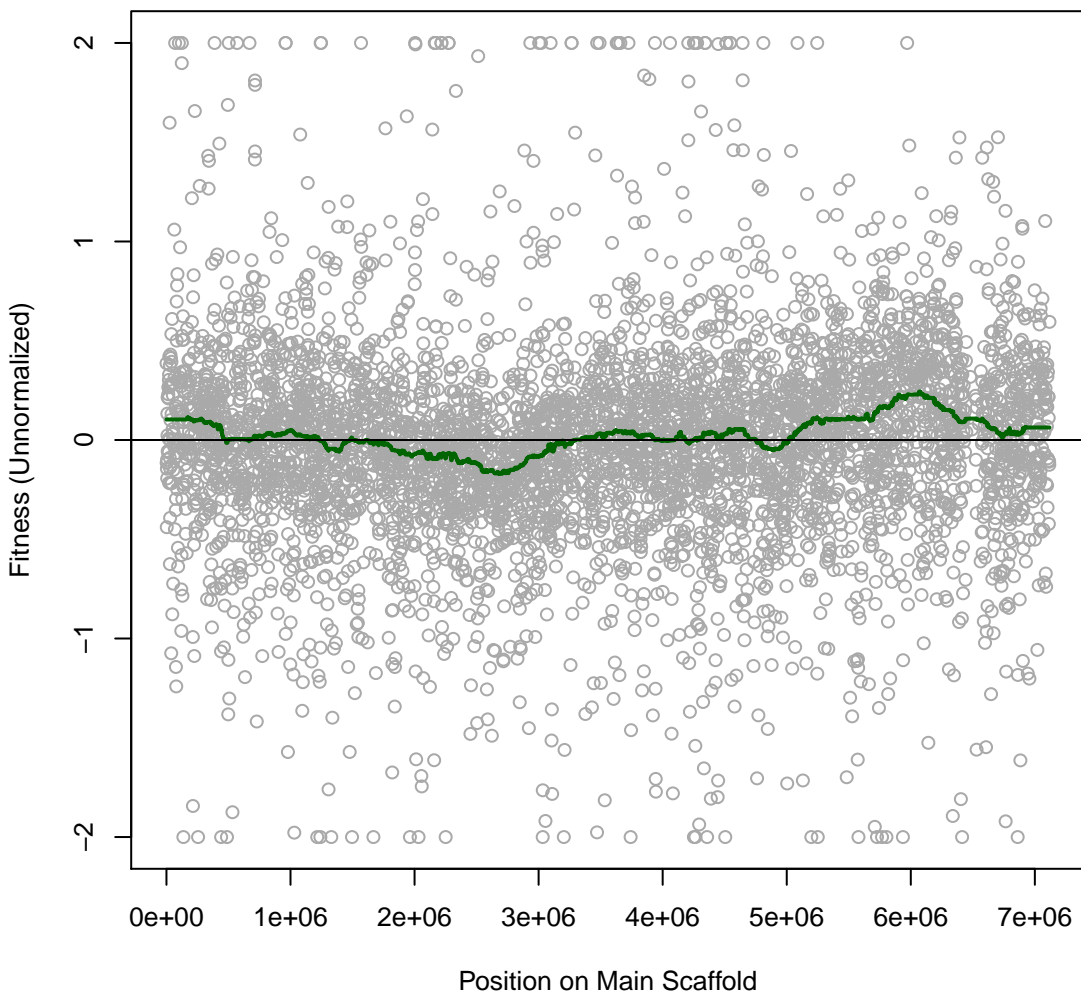
**pseudo5\_N2C3\_1 5IT061 #157 (gMed=162 rho12=0.212)**  
**1-ethyl-3-methylimidazolium chloride 200 mM**



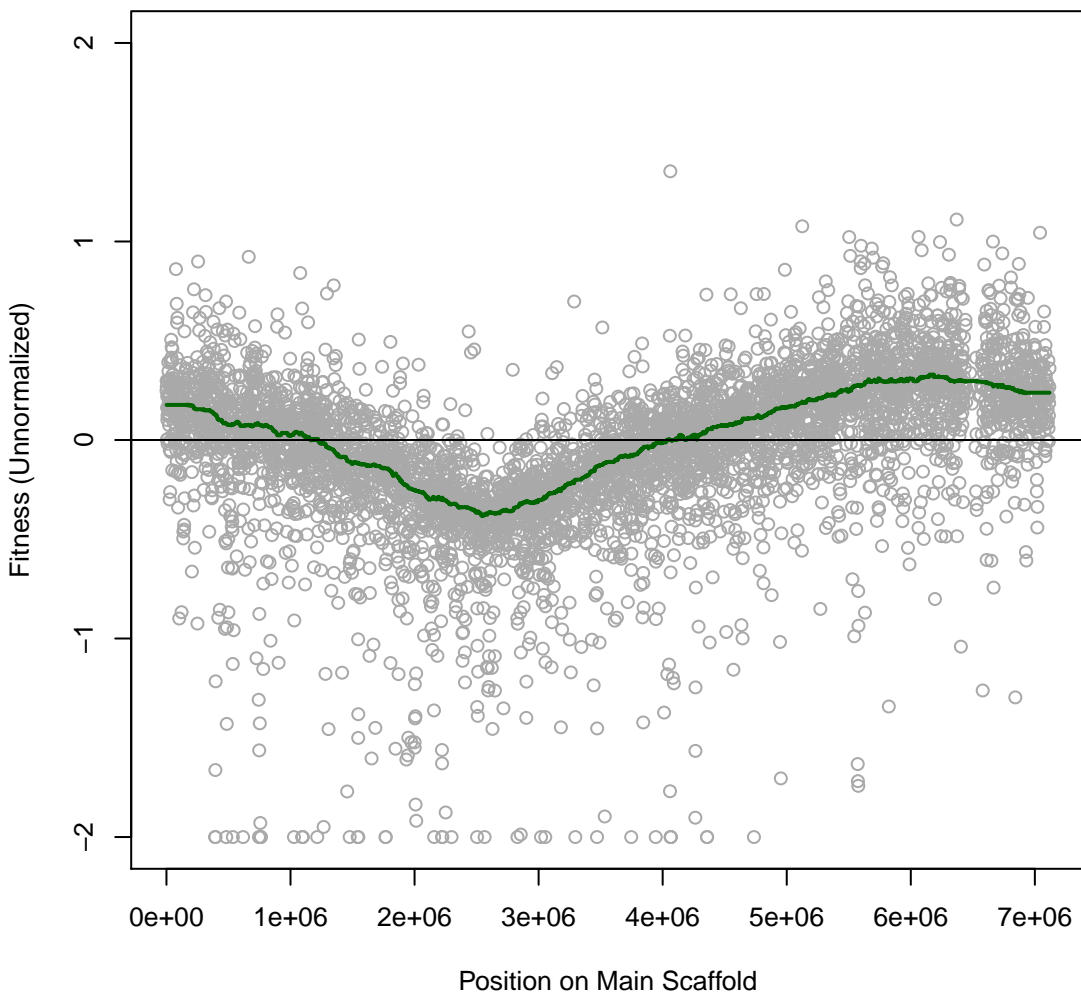
**pseudo5\_N2C3\_1 5IT062 #158 (gMed=185 rho12=0.086)**  
**LB**



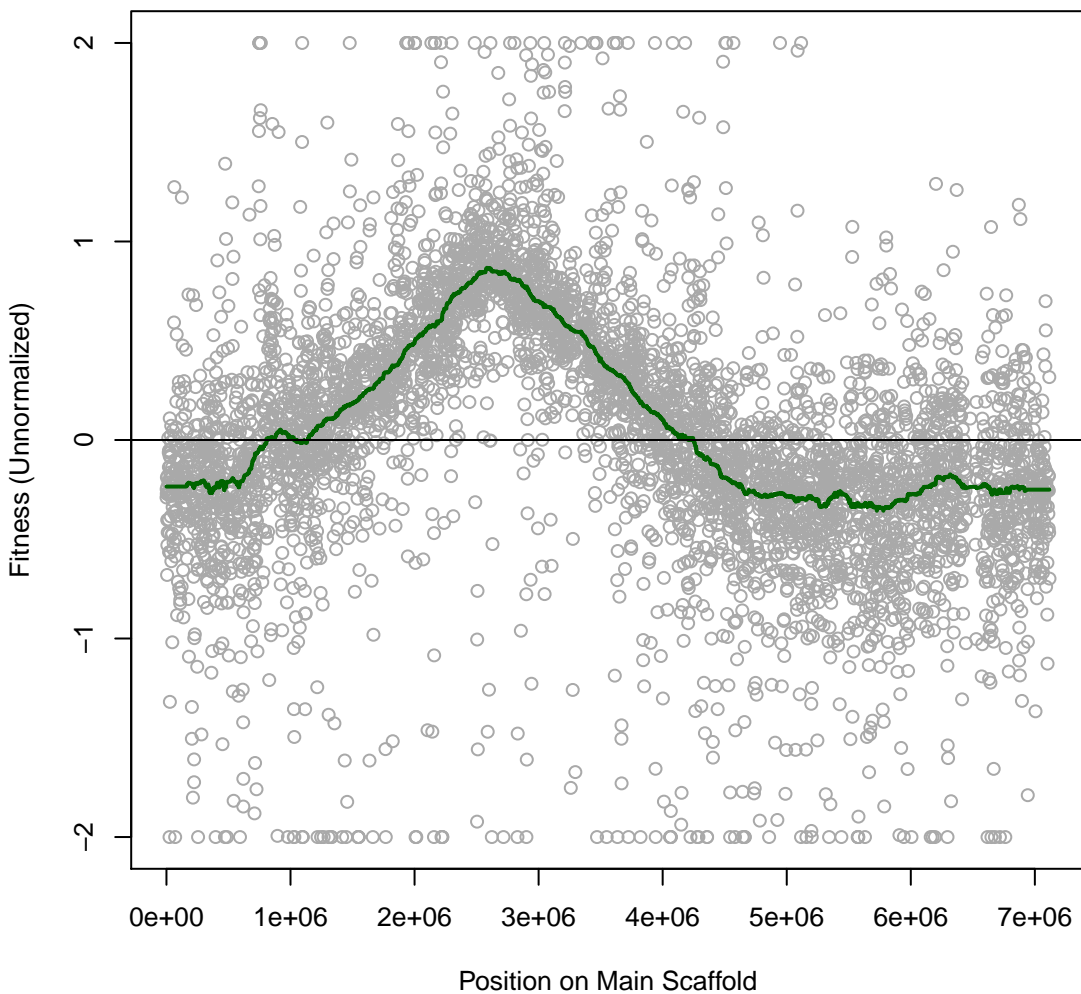
**pseudo5\_N2C3\_1 5IT063 #159 (gMed=29 rho12=0.169)**  
**Vancomycin 0.5 mg/ml**



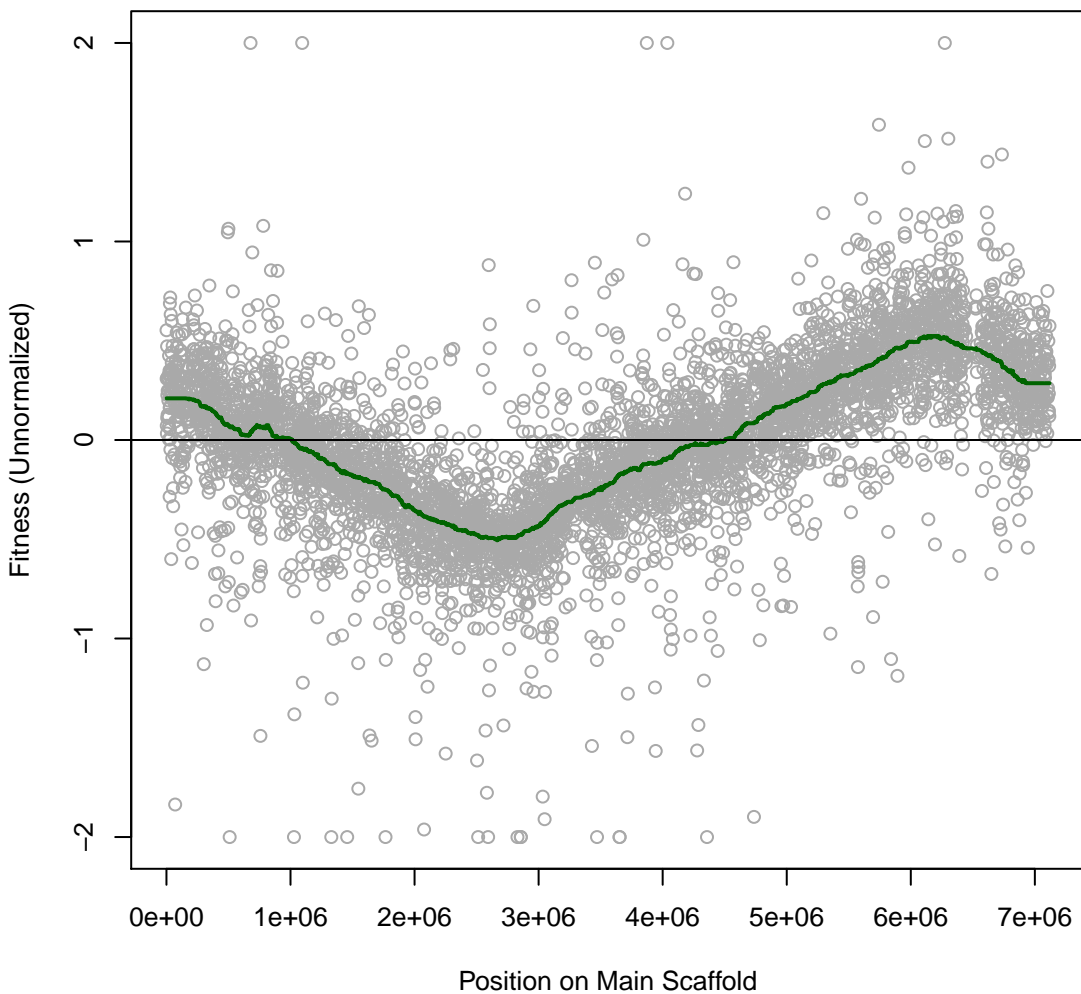
**pseudo5\_N2C3\_1 5IT064 #160 (gMed=150 rho12=0.153)**  
**Cephalothin 2 mg/ml**



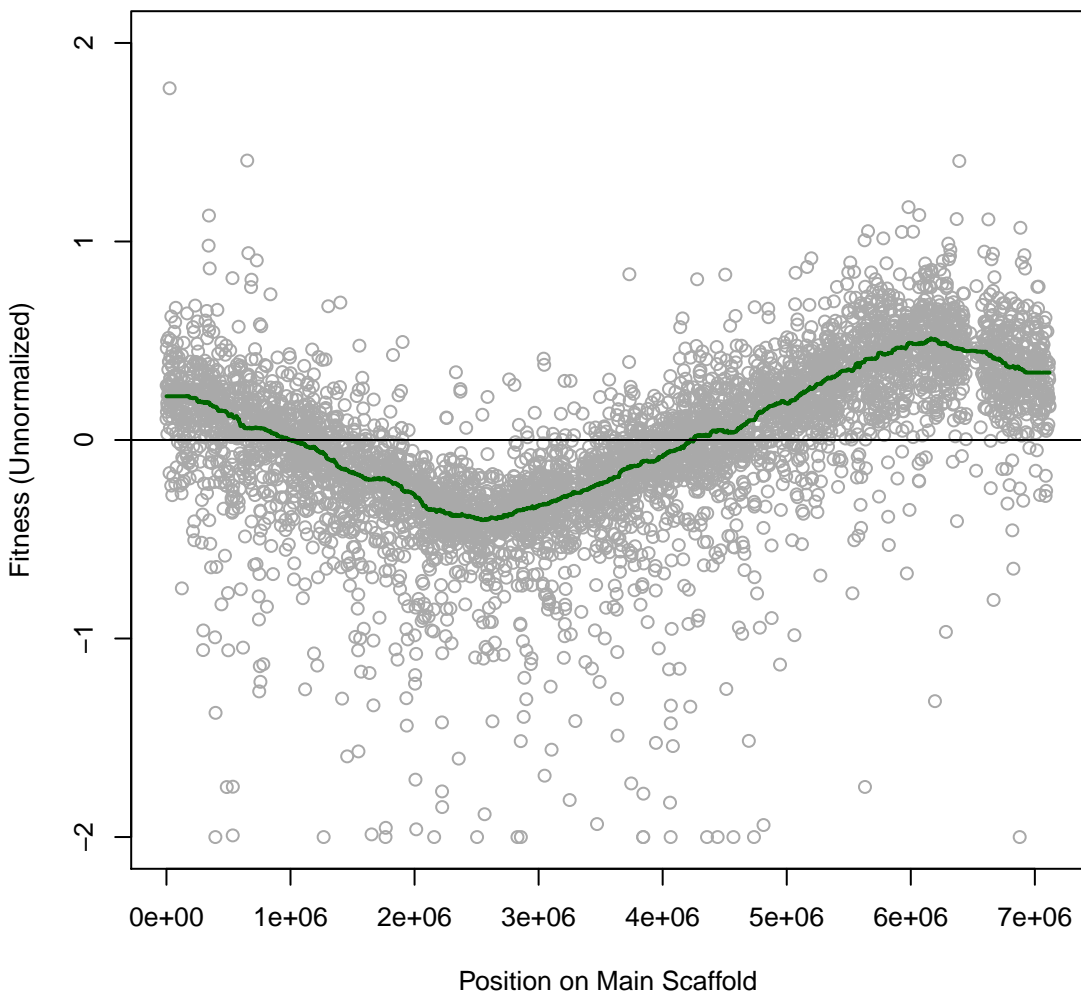
**pseudo5\_N2C3\_1 5IT065 #161 (gMed=89 rho12=0.249)**  
**Lomefloxacin 0.0005 mM**



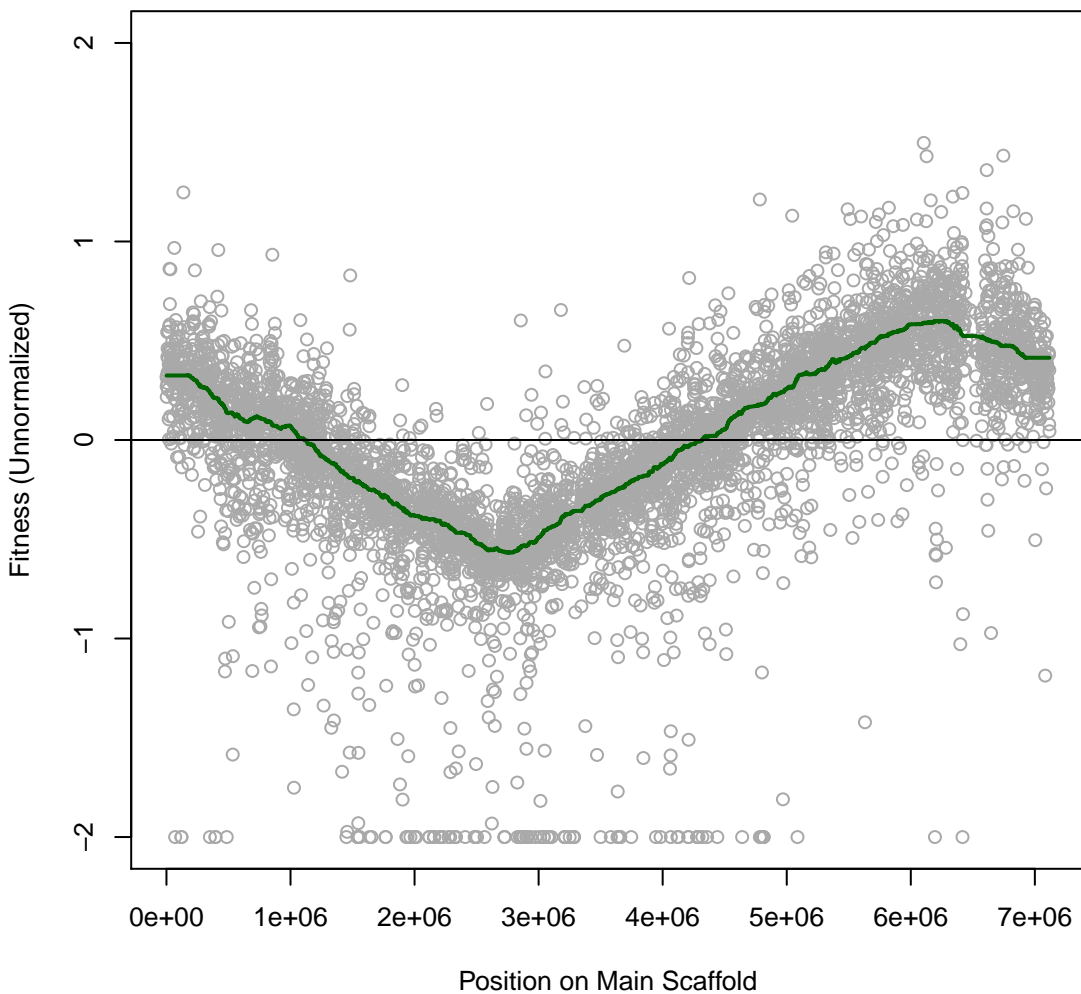
**pseudo5\_N2C3\_1 5IT067 #163 (gMed=159 rho12=0.122)**  
**Ceftazidime 0.2 mg/ml**



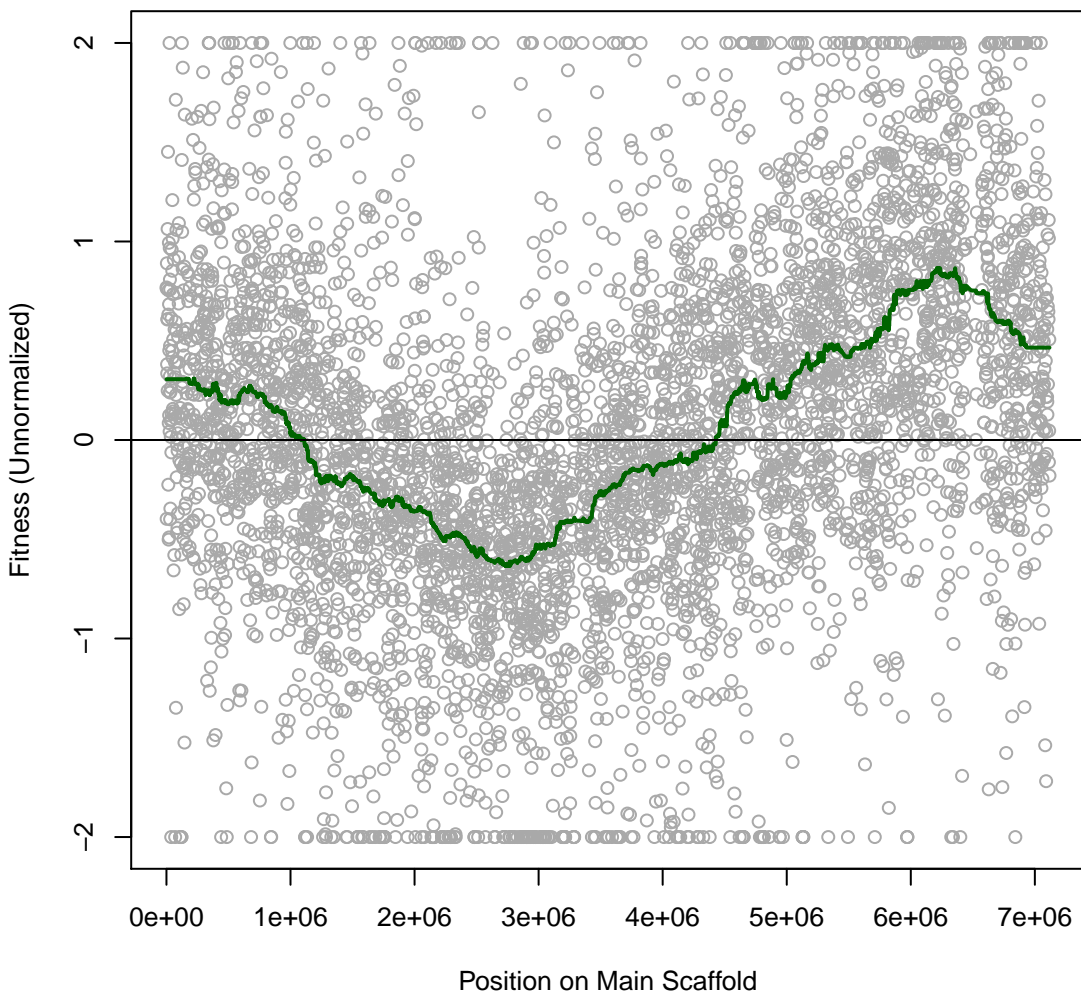
**pseudo5\_N2C3\_1 5IT068 #164 (gMed=152 rho12=0.133)**  
**LB**



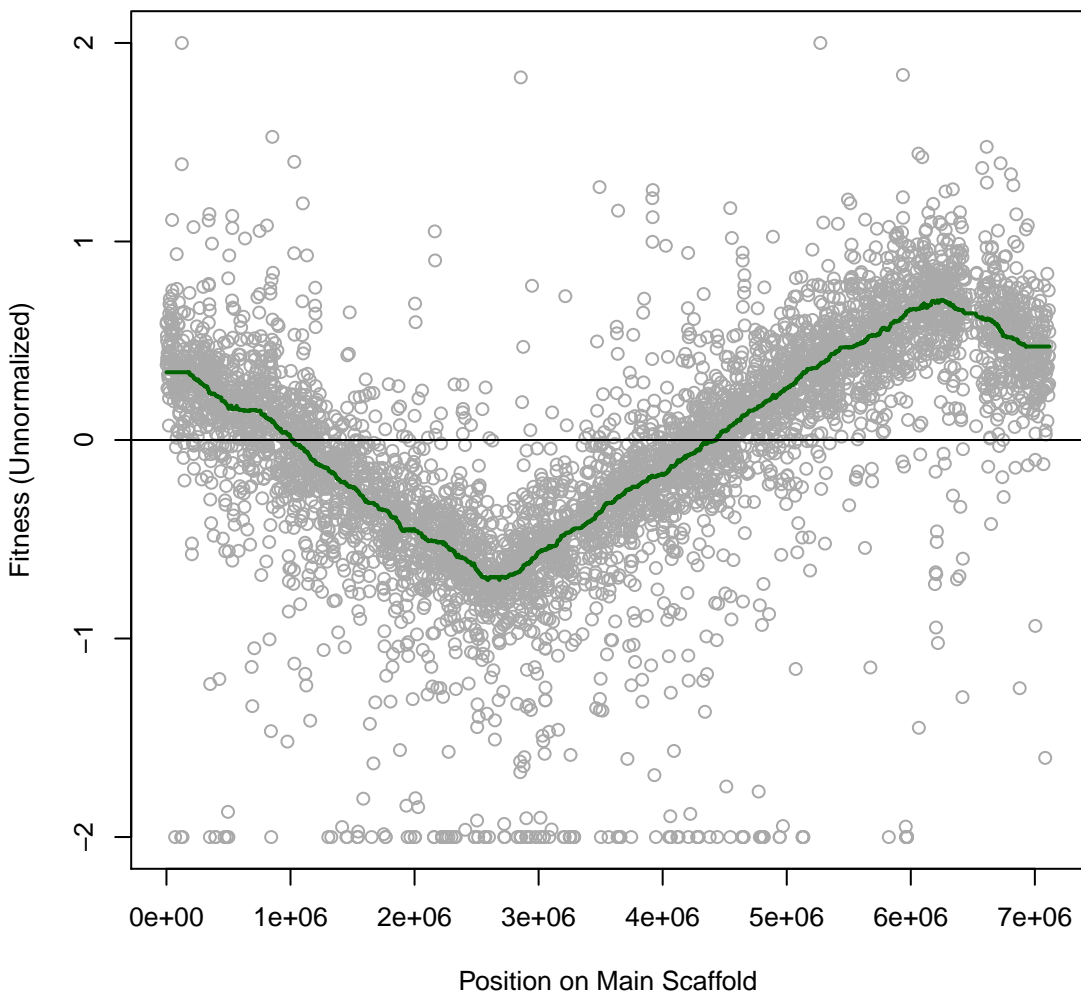
**pseudo5\_N2C3\_1 5IT069 #165 (gMed=159 rho12=0.234)**  
**L-Alanine (C)**



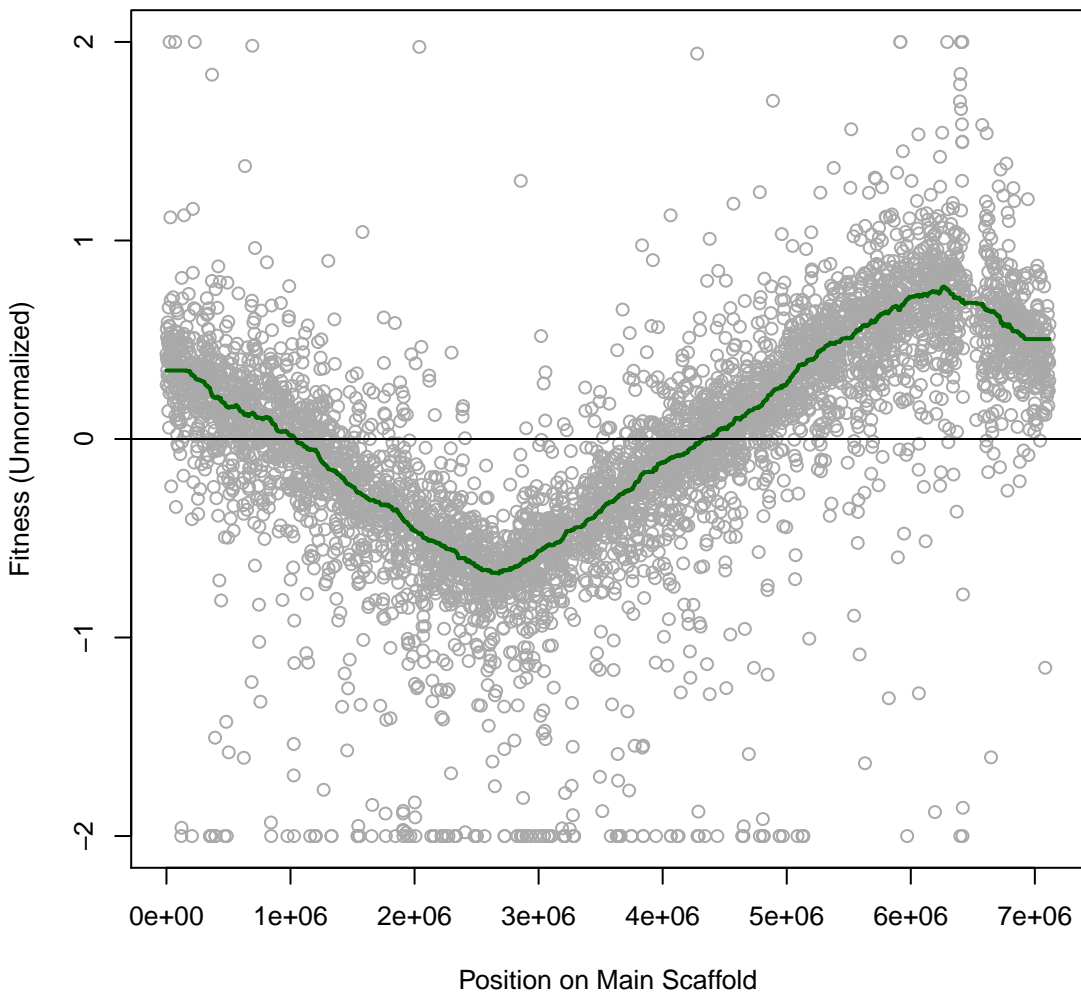
**pseudo5\_N2C3\_1 5IT070 #166 (gMed=111 rho12=0.171)**  
**L-Valine (C)**



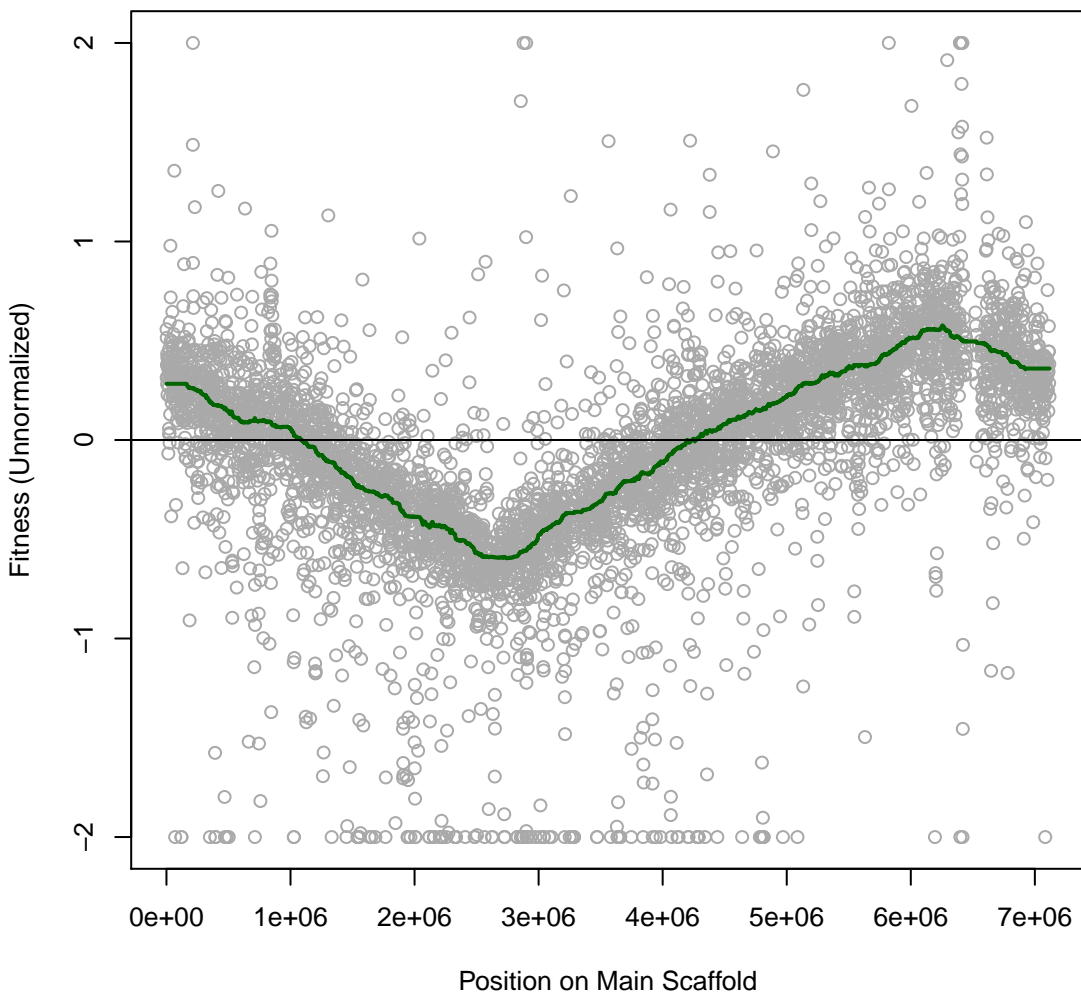
**pseudo5\_N2C3\_1 5IT071 #167 (gMed=160 rho12=0.304)**  
**L-Isoleucine (C)**



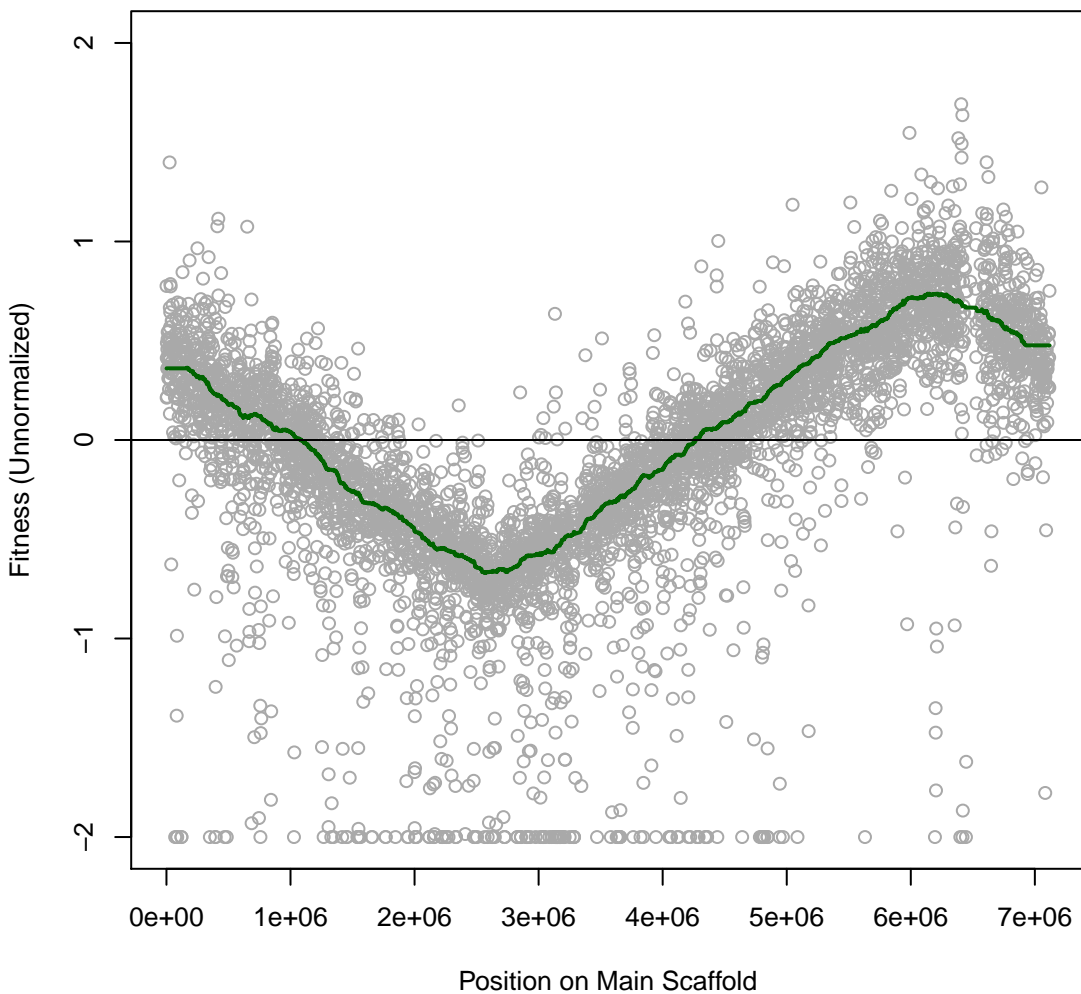
**pseudo5\_N2C3\_1 5IT072 #168 (gMed=145 rho12=0.290)**  
**L-Leucine (C)**



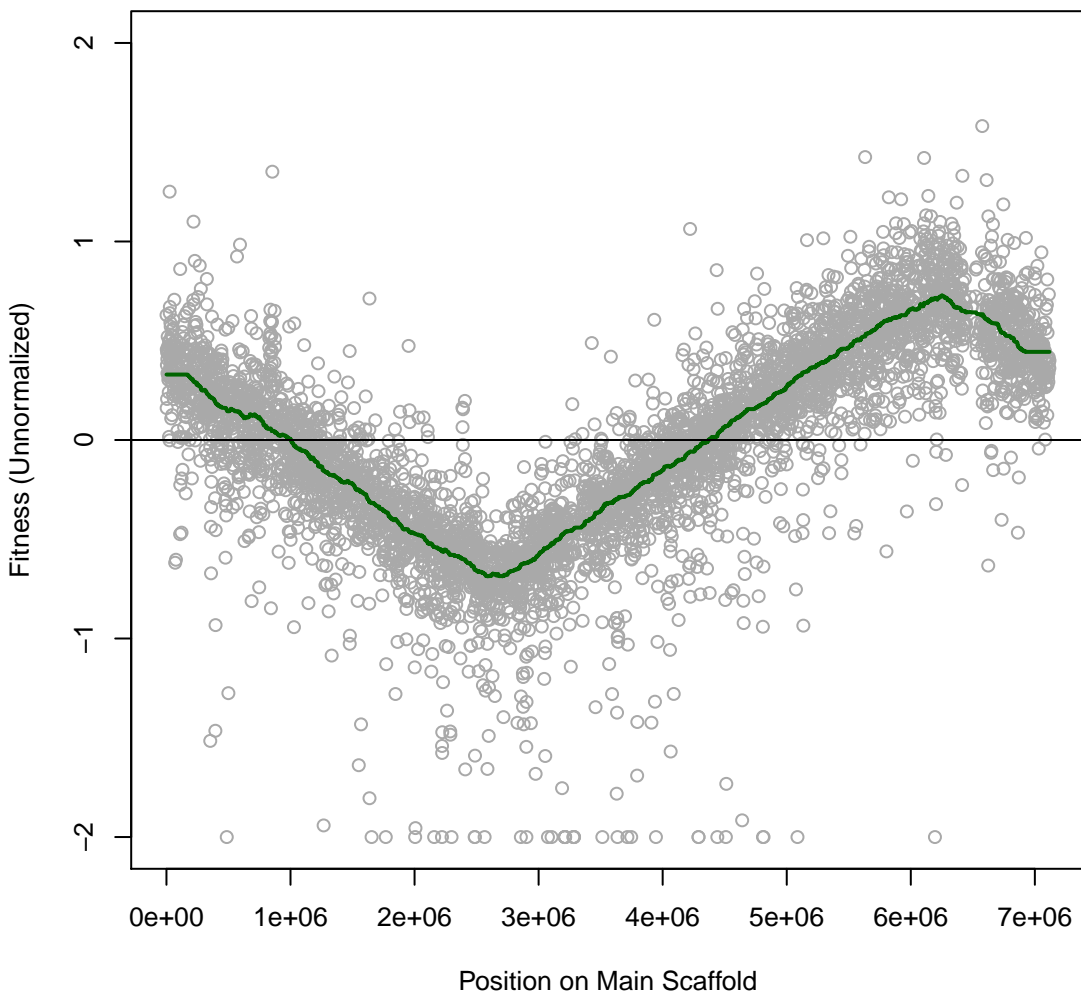
**pseudo5\_N2C3\_1 5IT073 #169 (gMed=158 rho12=0.296)**  
**D-Alanine (C)**



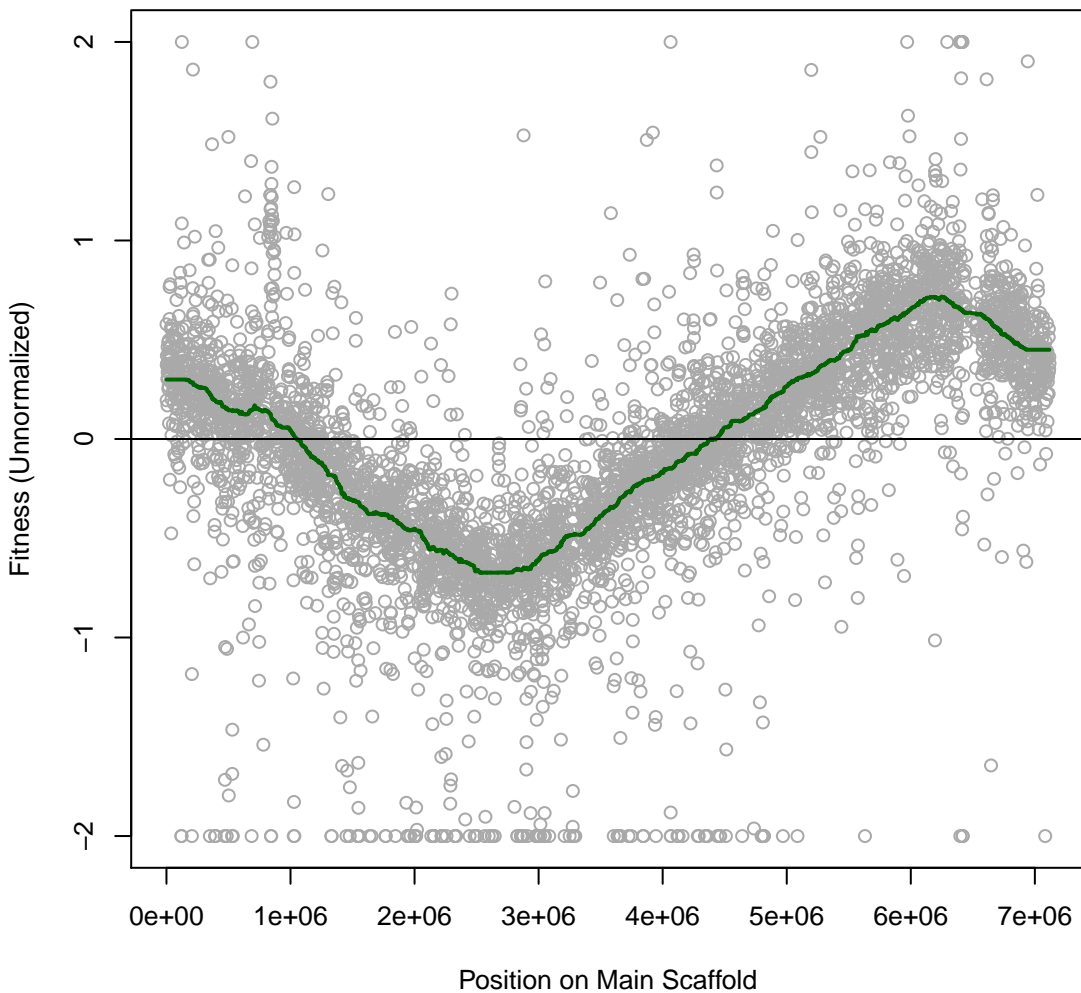
**pseudo5\_N2C3\_1 5IT074 #170 (gMed=136 rho12=0.282)**  
**Carnitine Hydrochloride (C)**



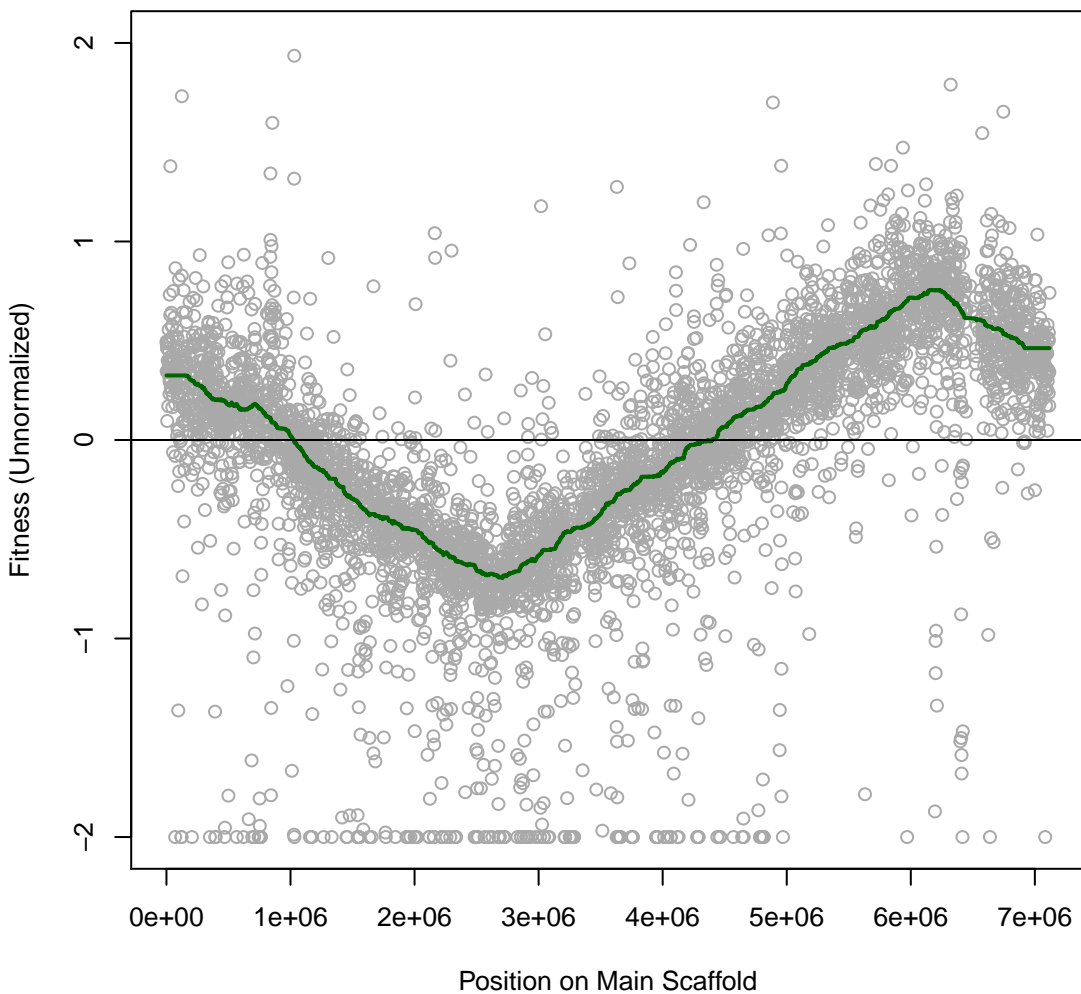
**pseudo5\_N2C3\_1 5IT075 #171 (gMed=157 rho12=0.135)**  
**casaminos (C)**



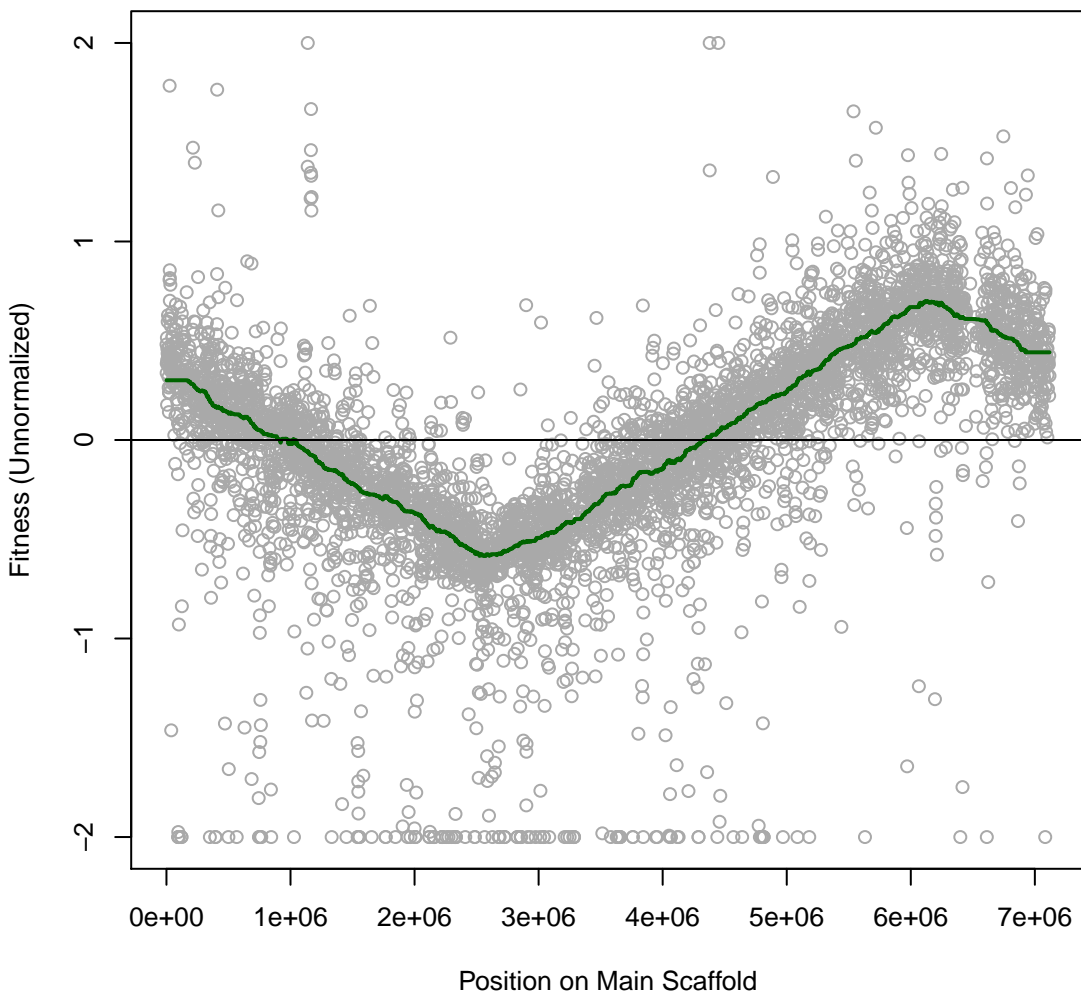
**pseudo5\_N2C3\_1 5IT076 #172 (gMed=157 rho12=0.327)**  
**Putrescine (C)**



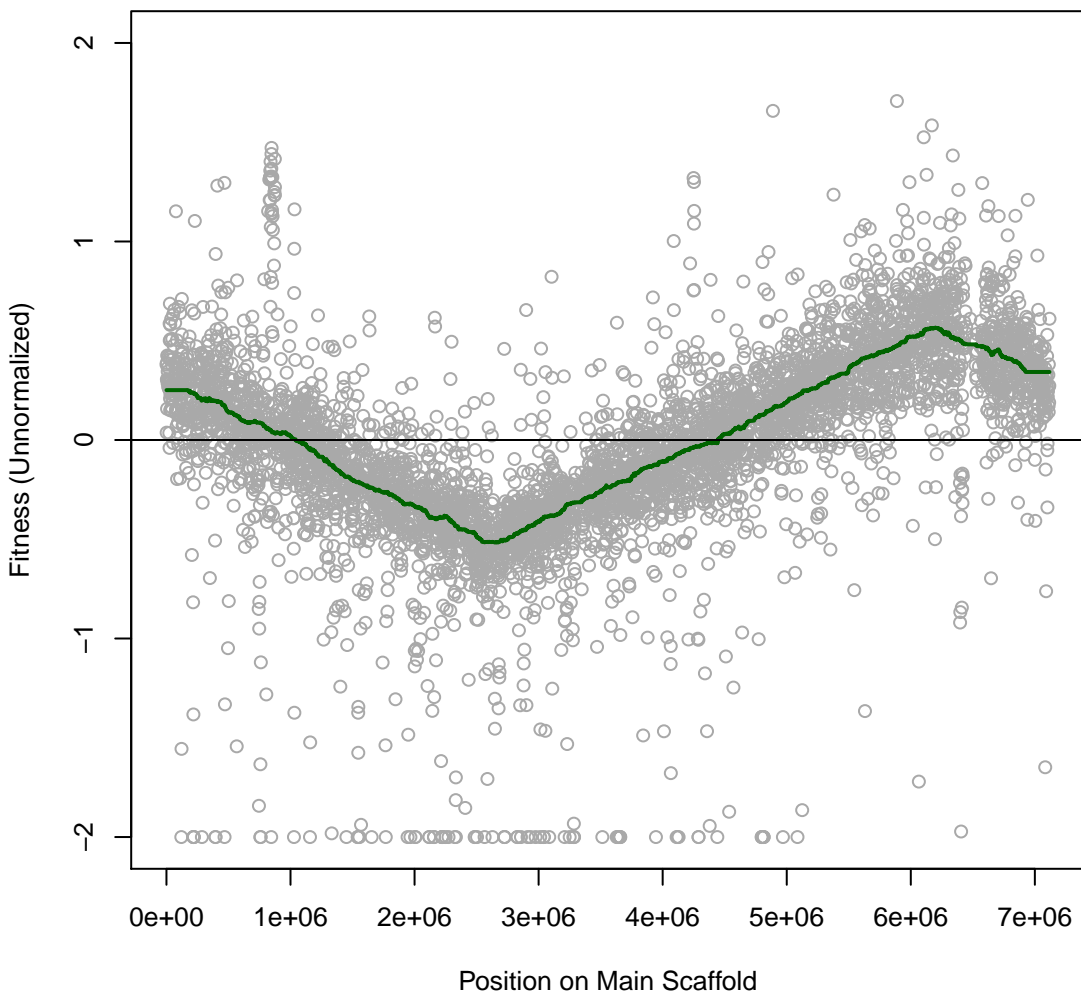
**pseudo5\_N2C3\_1 5IT077 #173 (gMed=164 rho12=0.319)**  
**NAG (C)**



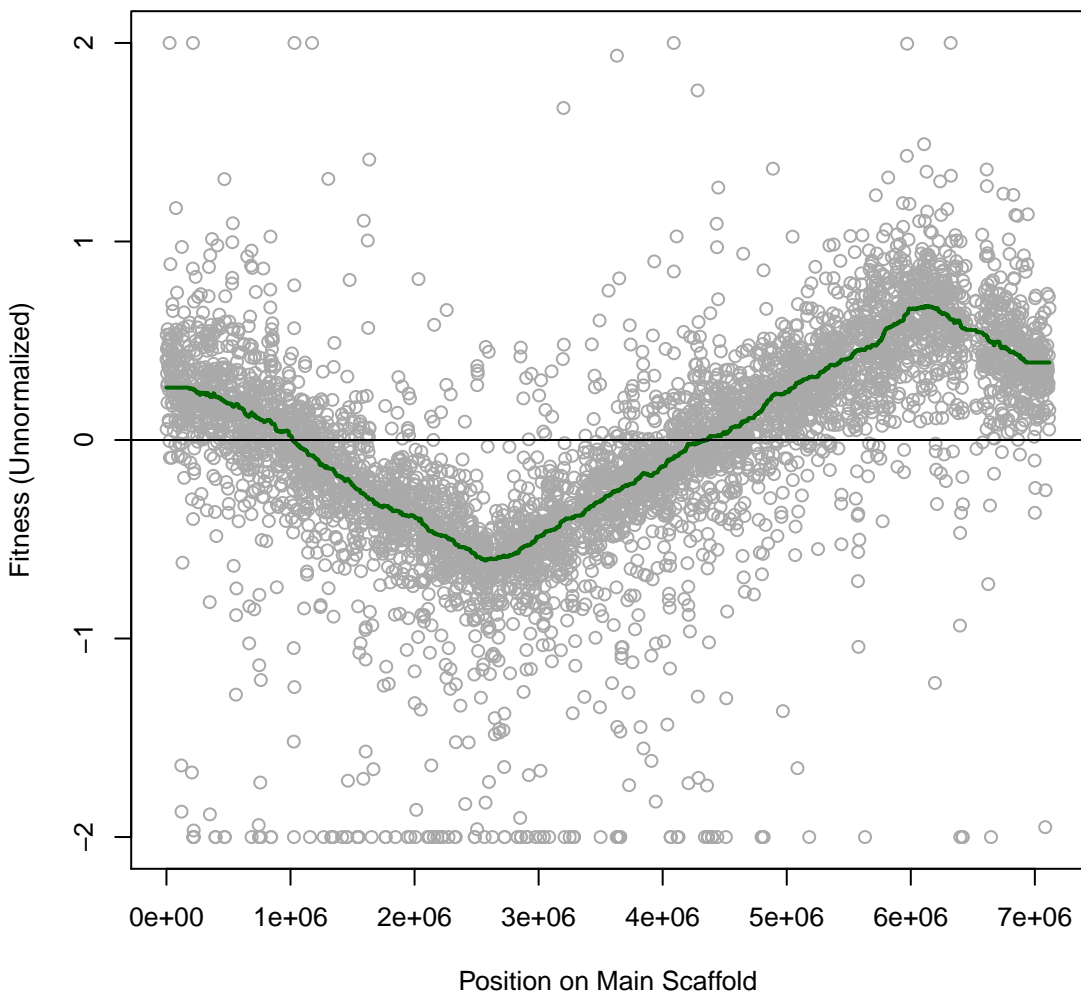
**pseudo5\_N2C3\_1 5IT078 #174 (gMed=165 rho12=0.270)**  
**D-Glucosamine Hydrochloride (C)**



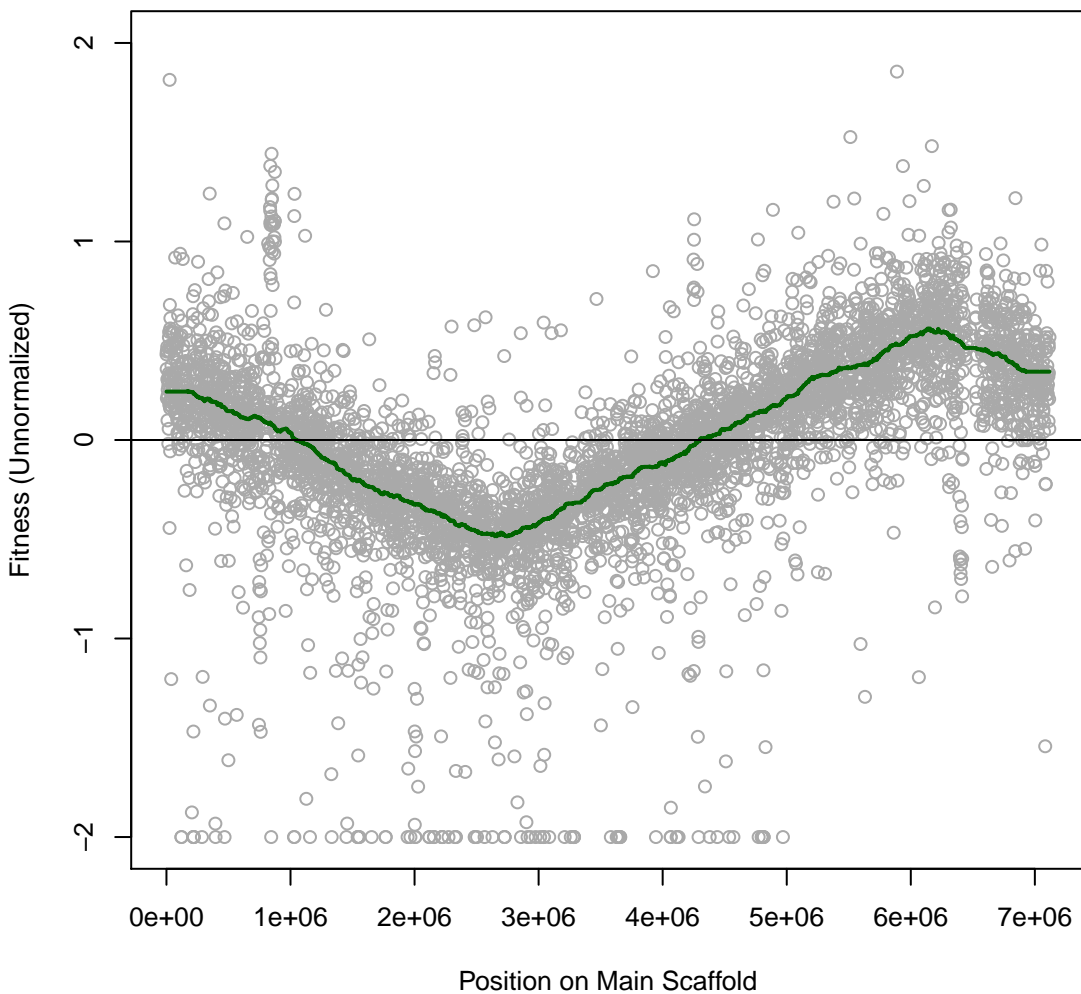
**pseudo5\_N2C3\_1 5IT079 #175 (gMed=181 rho12=0.226)**  
**Uridine (C)**



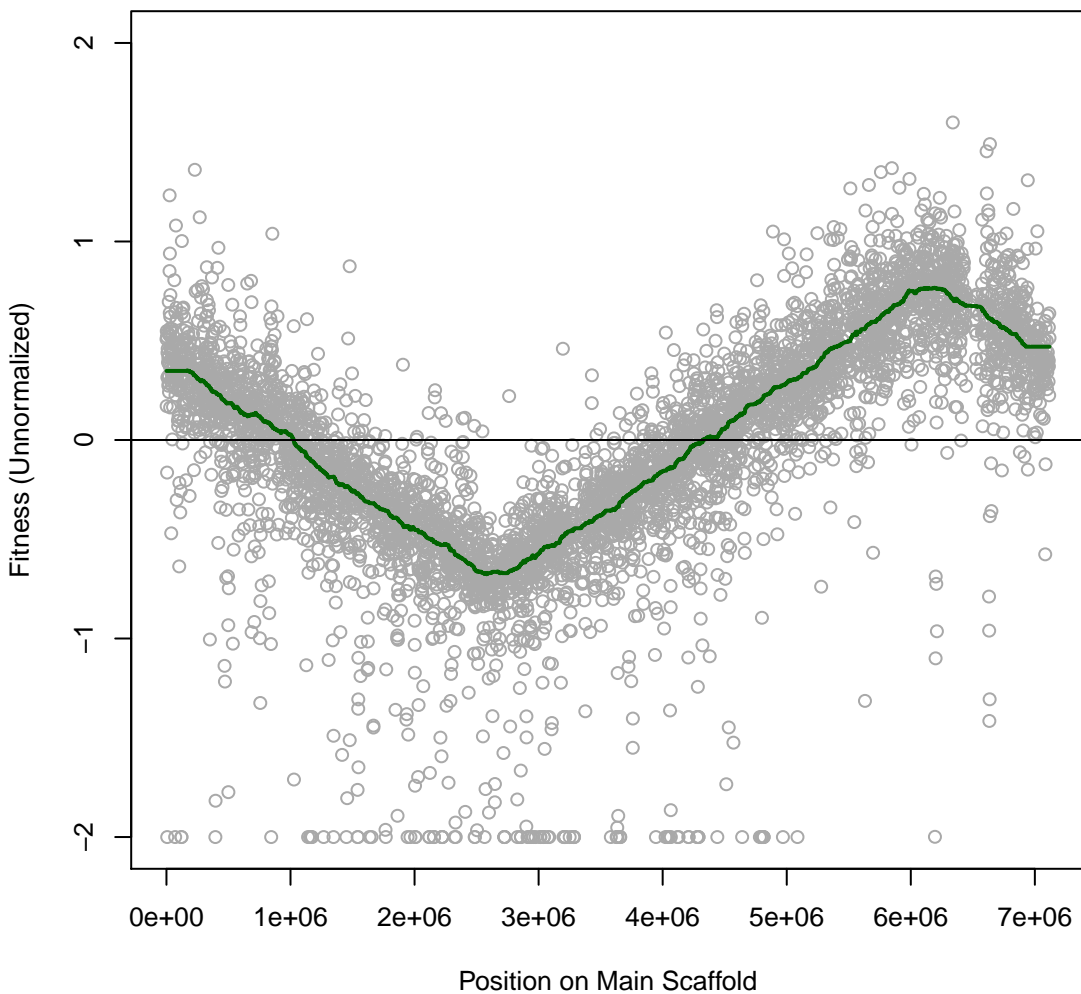
**pseudo5\_N2C3\_1 5IT080 #176 (gMed=165 rho12=0.282)**  
**Inosine (C)**



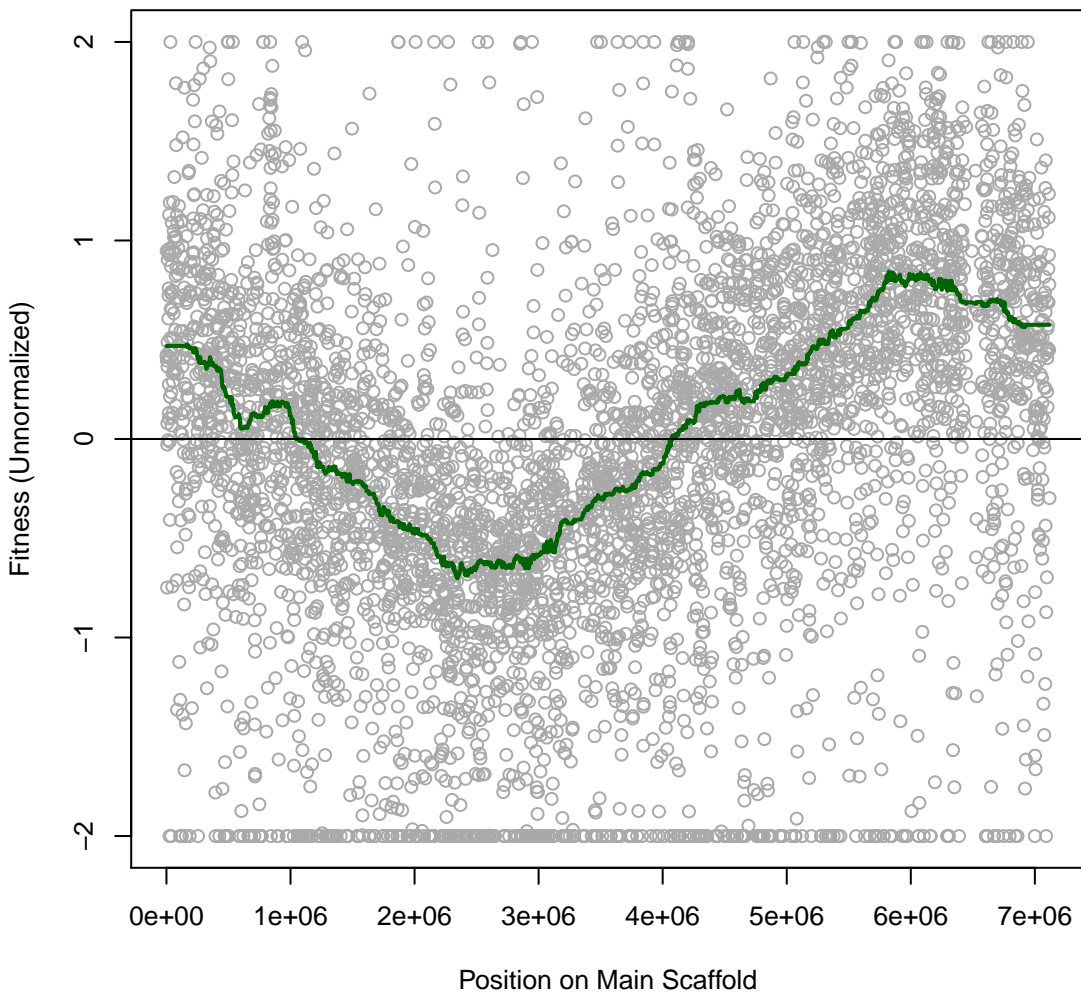
**pseudo5\_N2C3\_1 5IT081 #177 (gMed=135 rho12=0.232)**  
**Cytidine (C)**



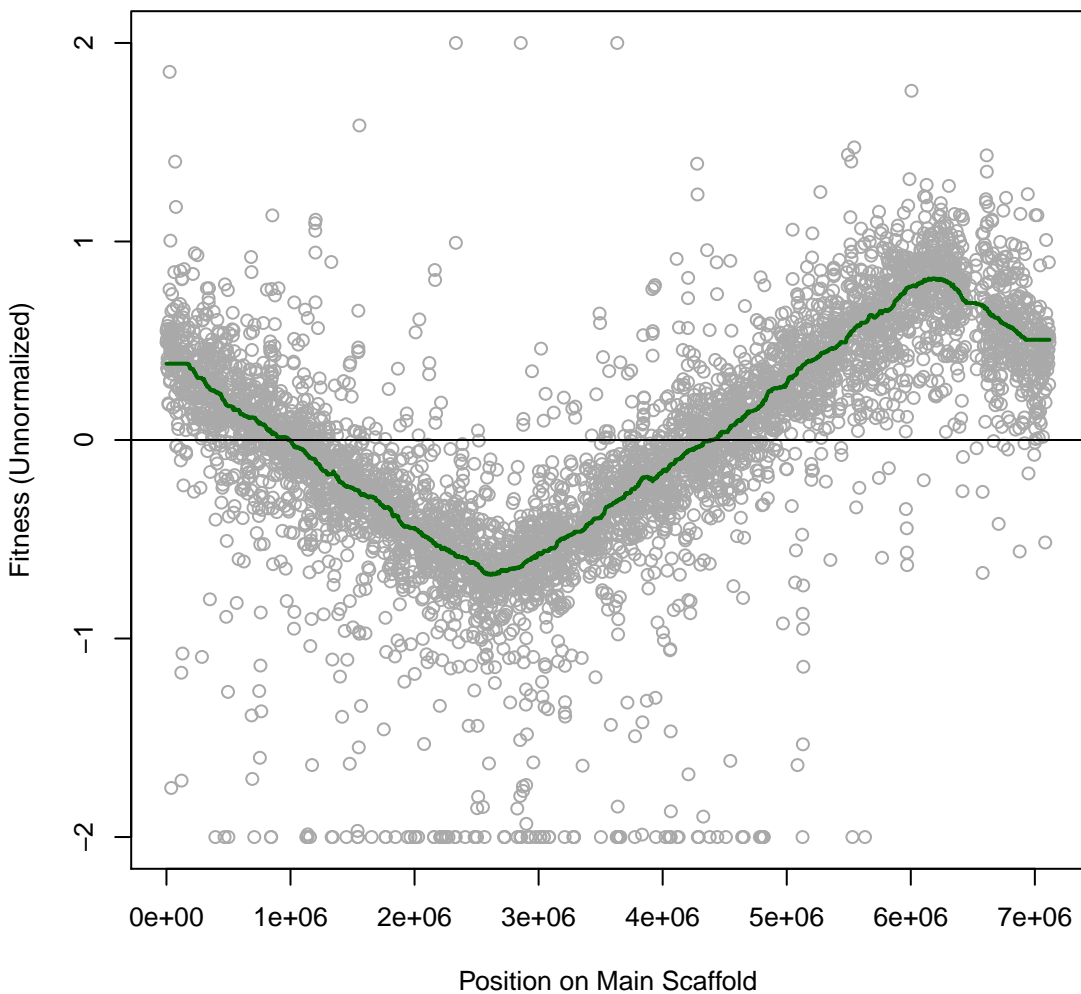
**pseudo5\_N2C3\_1 5IT082 #178 (gMed=158 rho12=0.205)**  
**D-Mannose (C)**



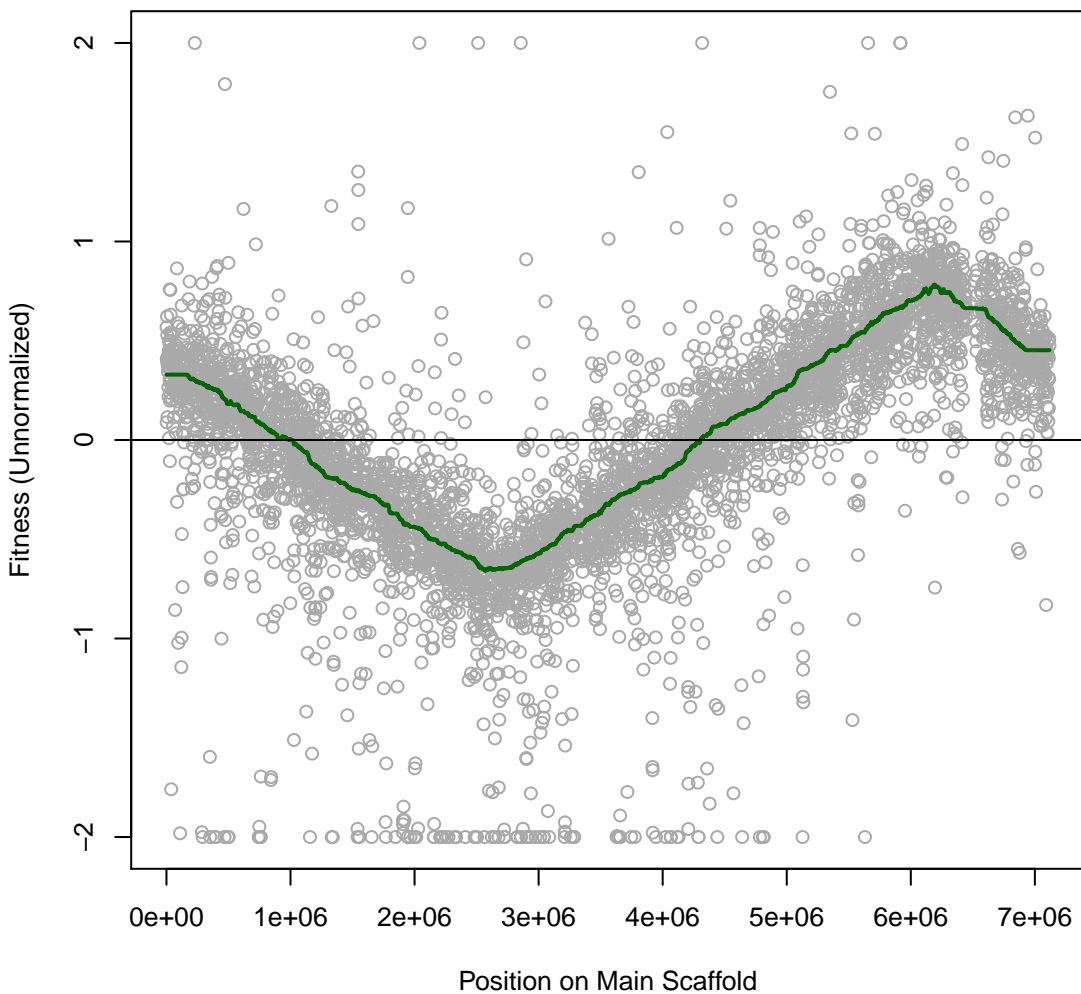
**pseudo5\_N2C3\_1 5IT083 #179 (gMed=160 rho12=0.197)**  
**octanoate (C)**



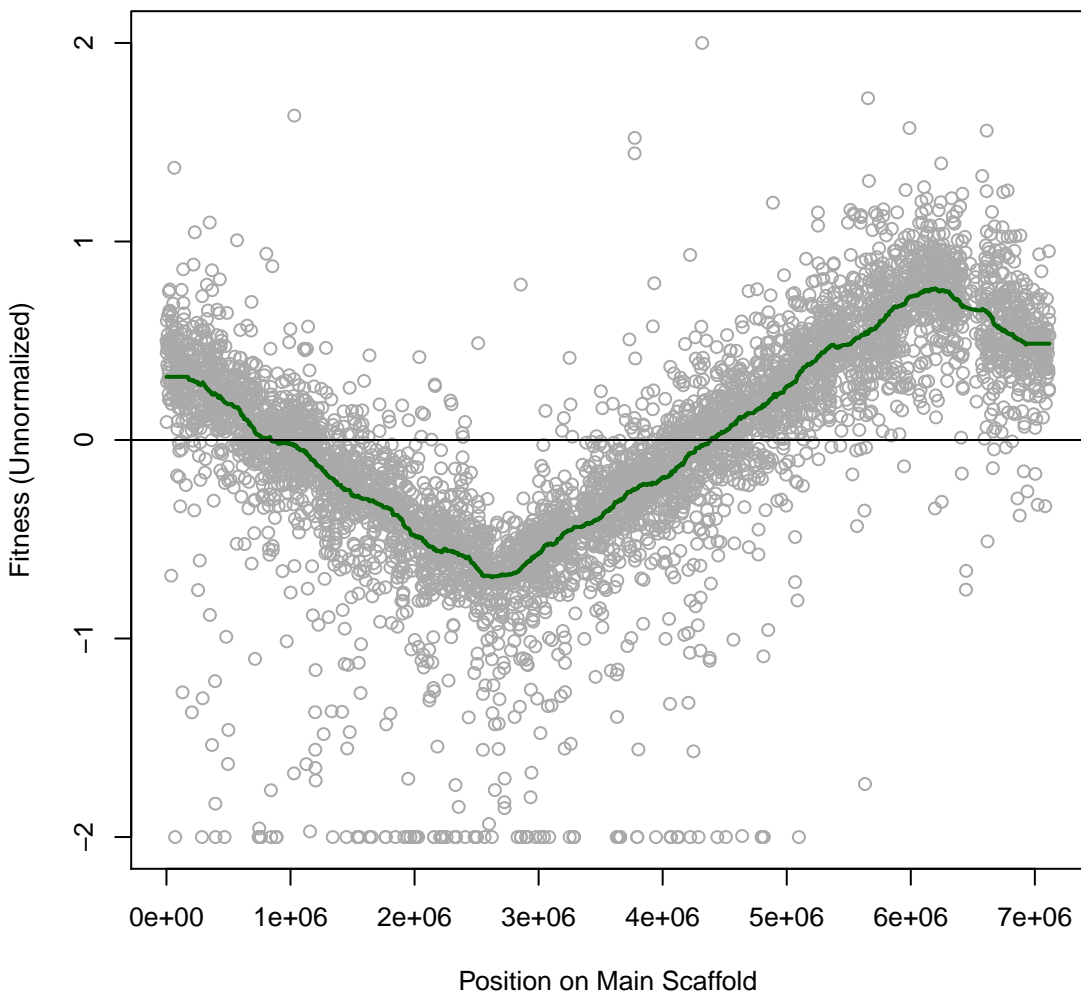
**pseudo5\_N2C3\_1 5IT084 #180 (gMed=169 rho12=0.296)**  
**L-Isoleucine (N)**



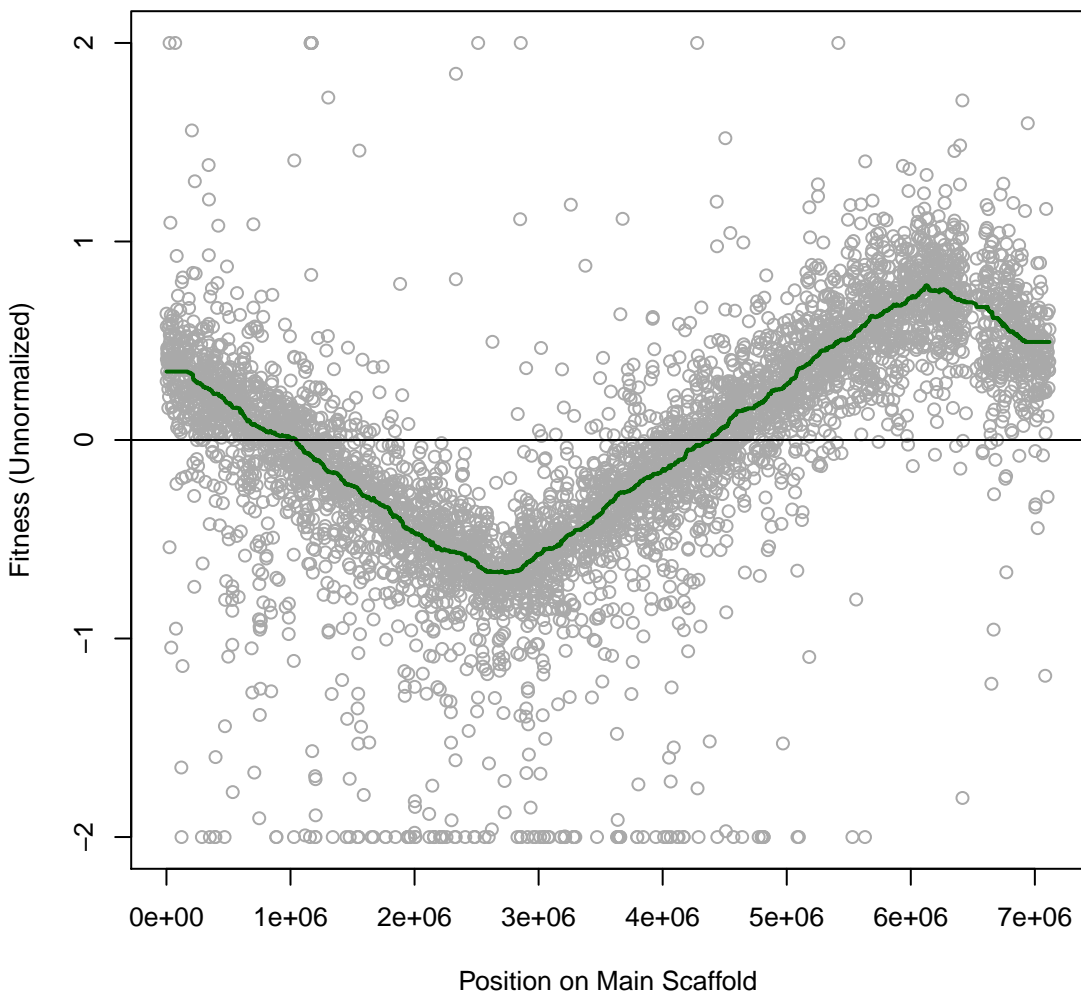
**pseudo5\_N2C3\_1 5IT085 #181 (gMed=167 rho12=0.267)**  
**L-Leucine (N)**



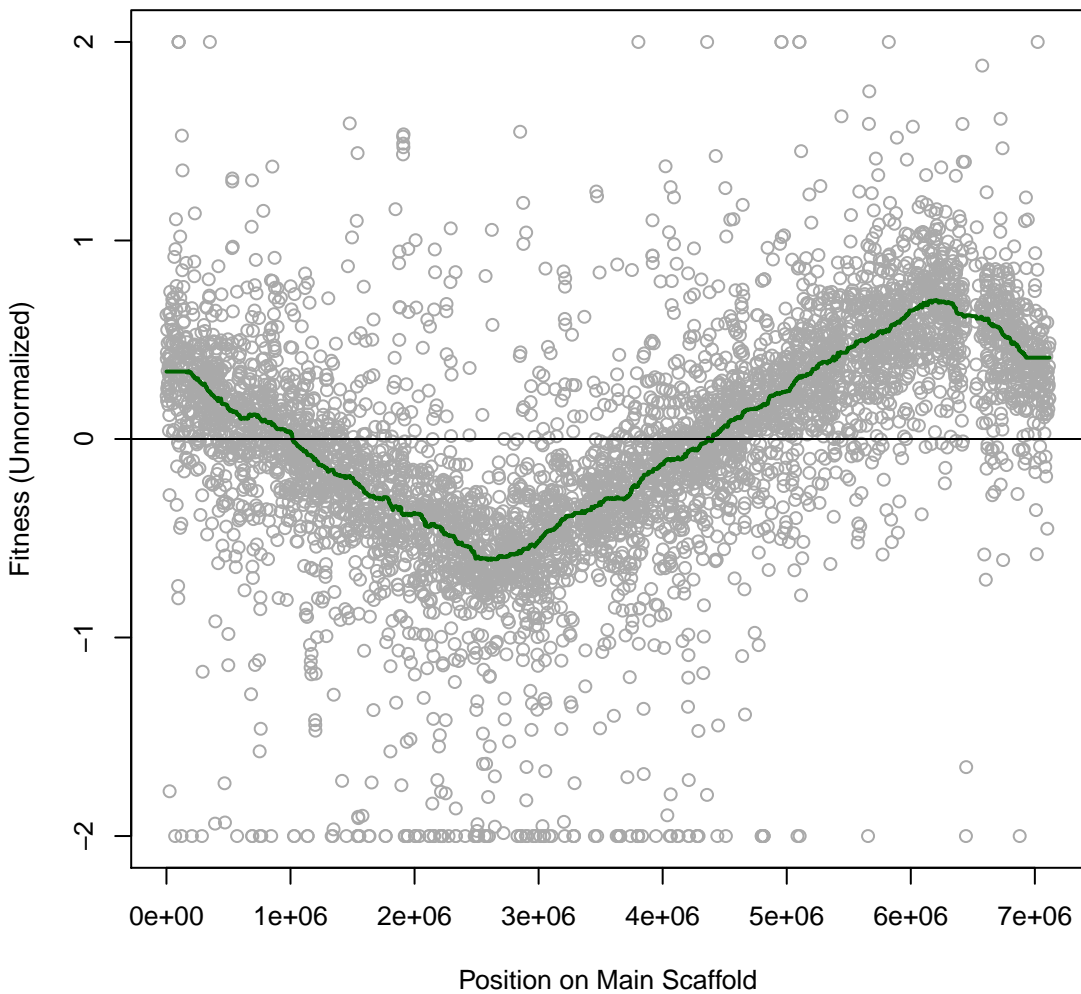
**pseudo5\_N2C3\_1 5IT086 #182 (gMed=167 rho12=0.207)**  
**L-Phenylalanine (N)**



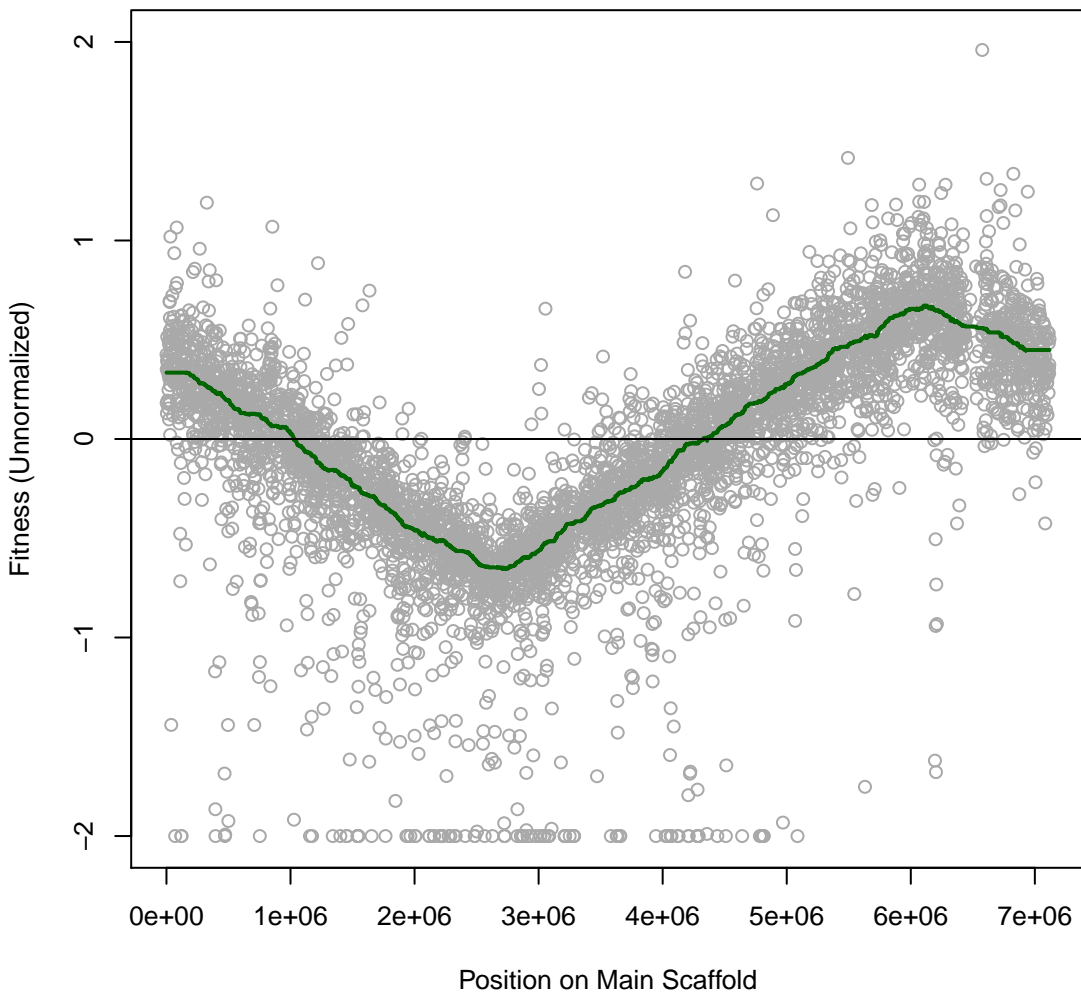
**pseudo5\_N2C3\_1 5IT087 #183 (gMed=145 rho12=0.241)**  
**L-tyrosine (N)**



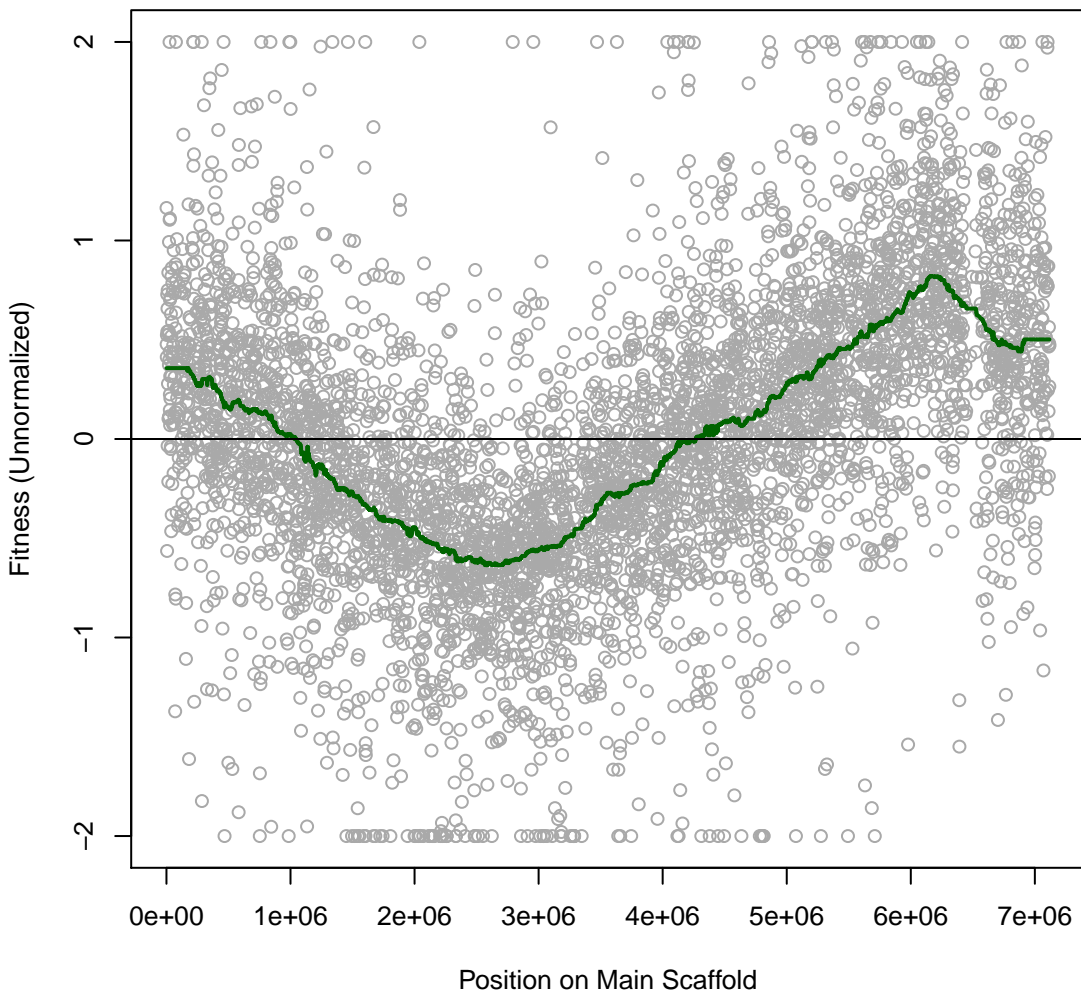
**pseudo5\_N2C3\_1 5IT088 #184 (gMed=94 rho12=0.286)**  
**D-Serine (N)**



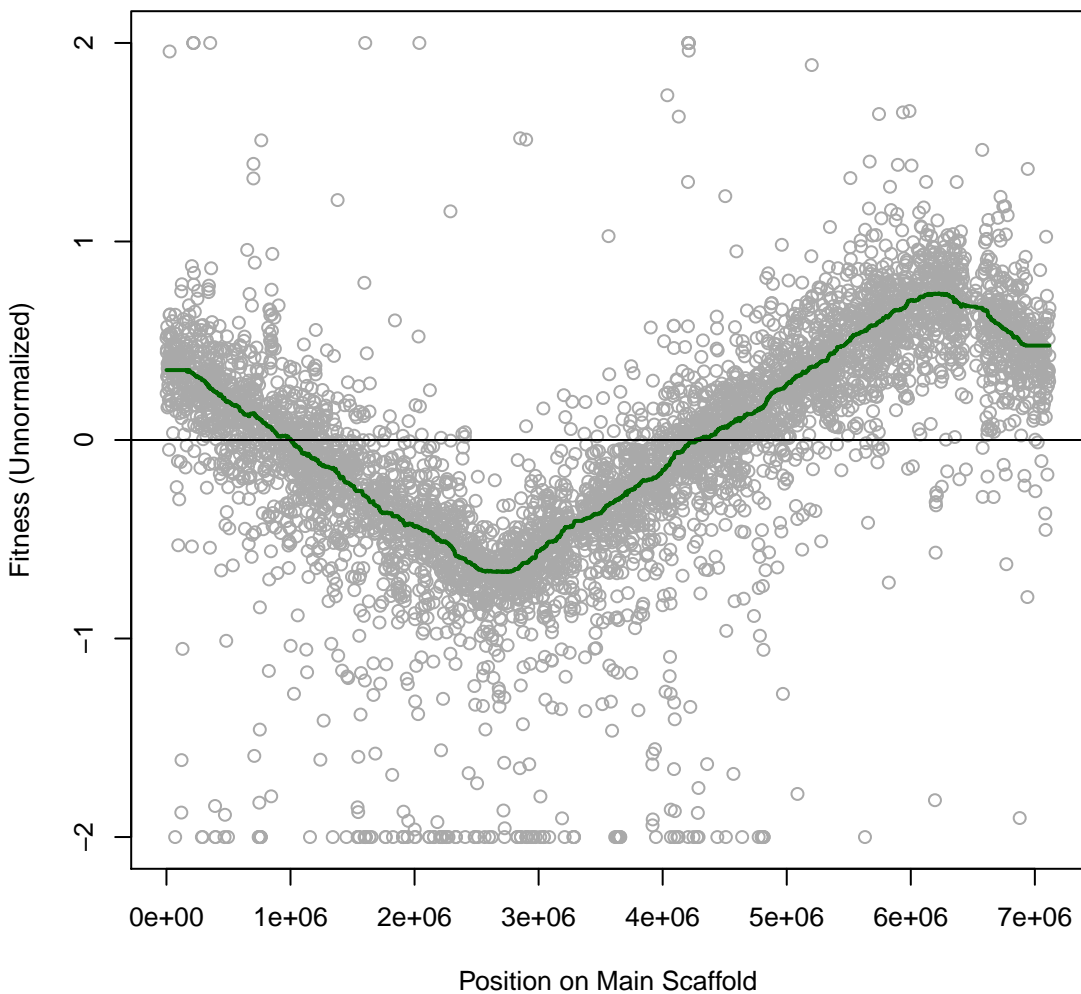
**pseudo5\_N2C3\_1 5IT089 #185 (gMed=128 rho12=0.176)**  
**D-Alanine (N)**



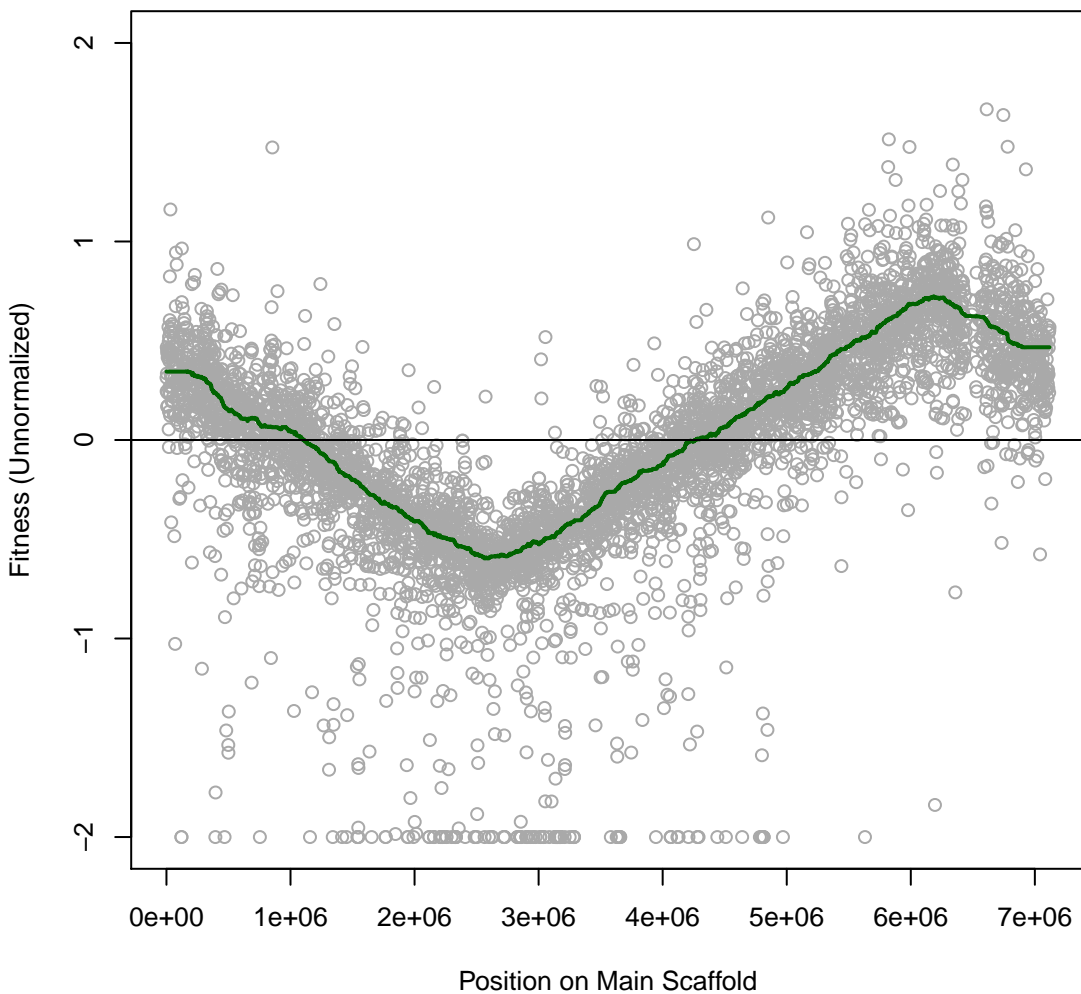
**pseudo5\_N2C3\_1 5IT090 #186 (gMed=31 rho12=0.063)**  
**Gly-DL-Asp (N)**



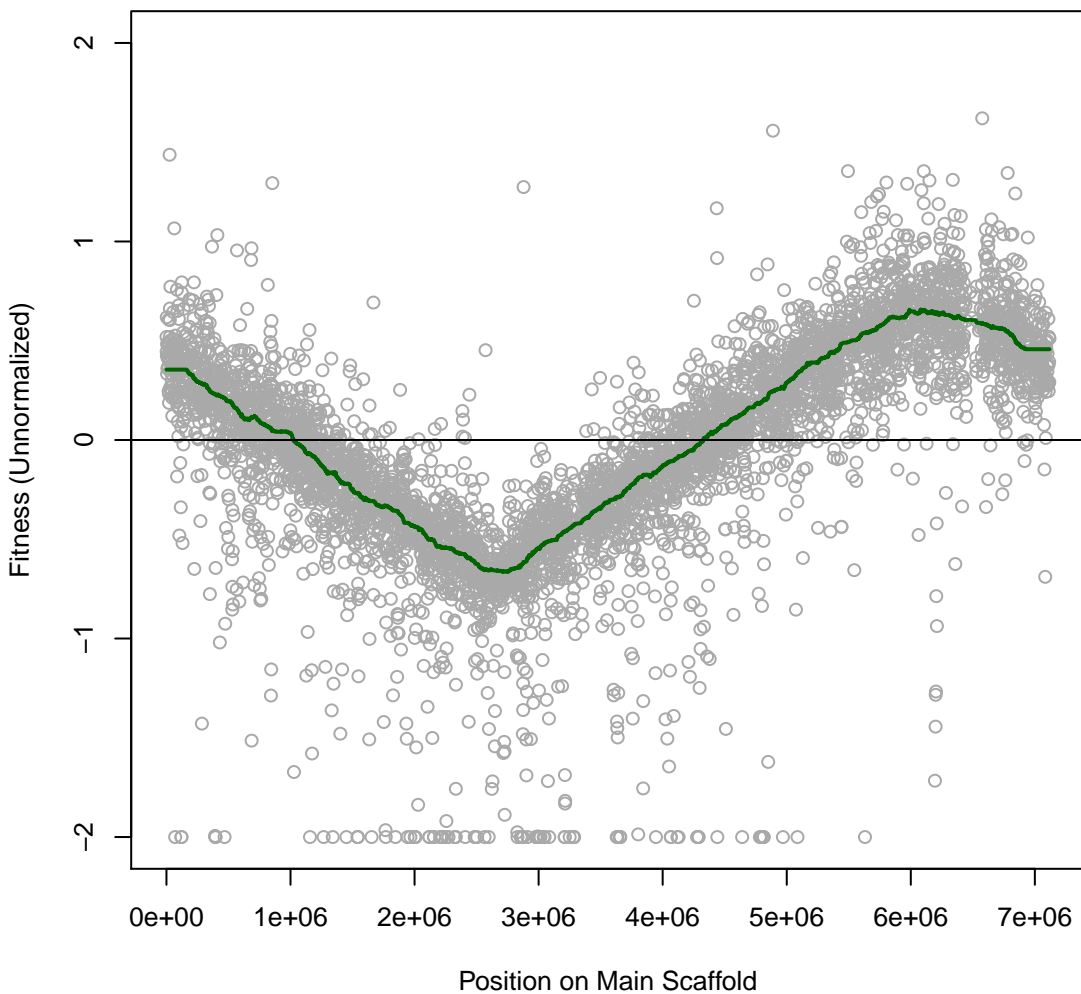
**pseudo5\_N2C3\_1 5IT091 #187 (gMed=140 rho12=0.257)**  
**Gly-Glu (N)**



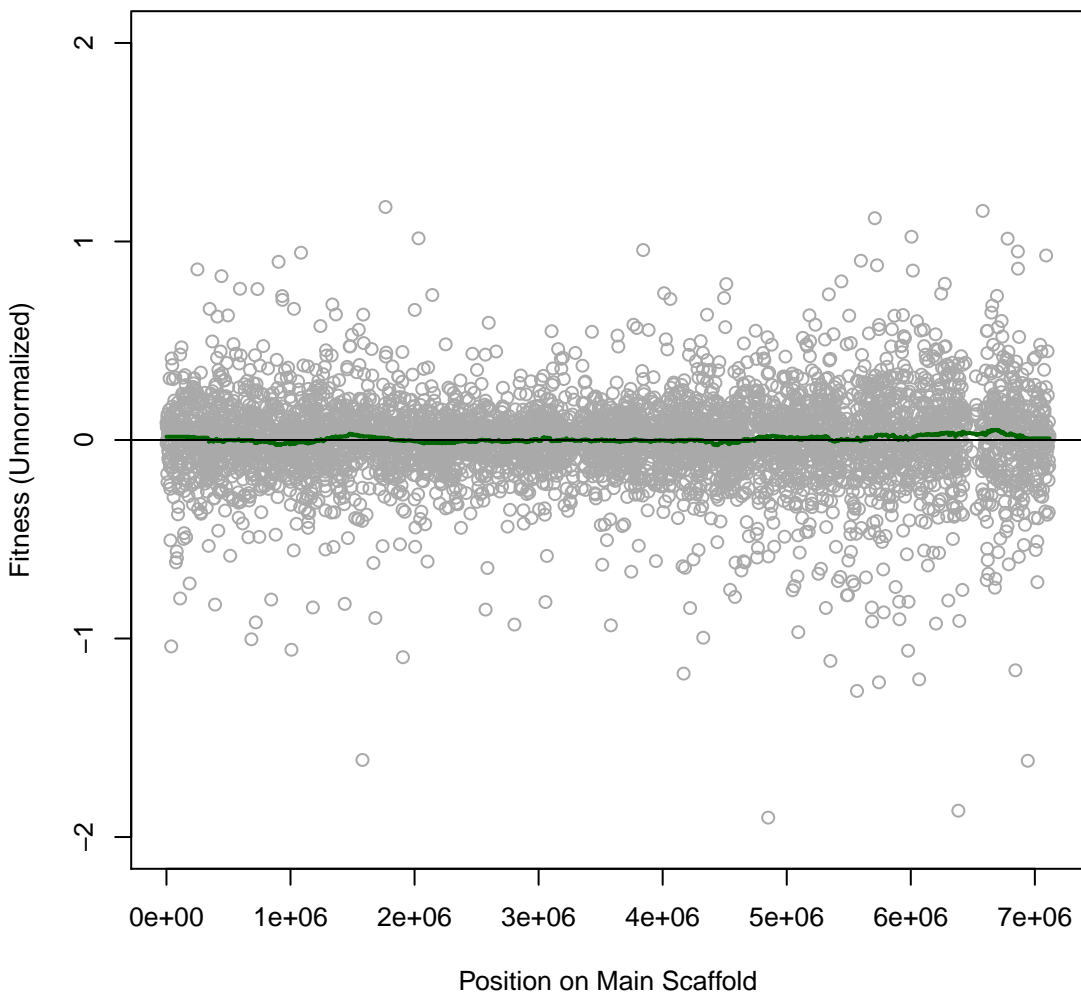
**pseudo5\_N2C3\_1 5IT092 #188 (gMed=165 rho12=0.231)**  
**Carnitine Hydrochloride (N)**



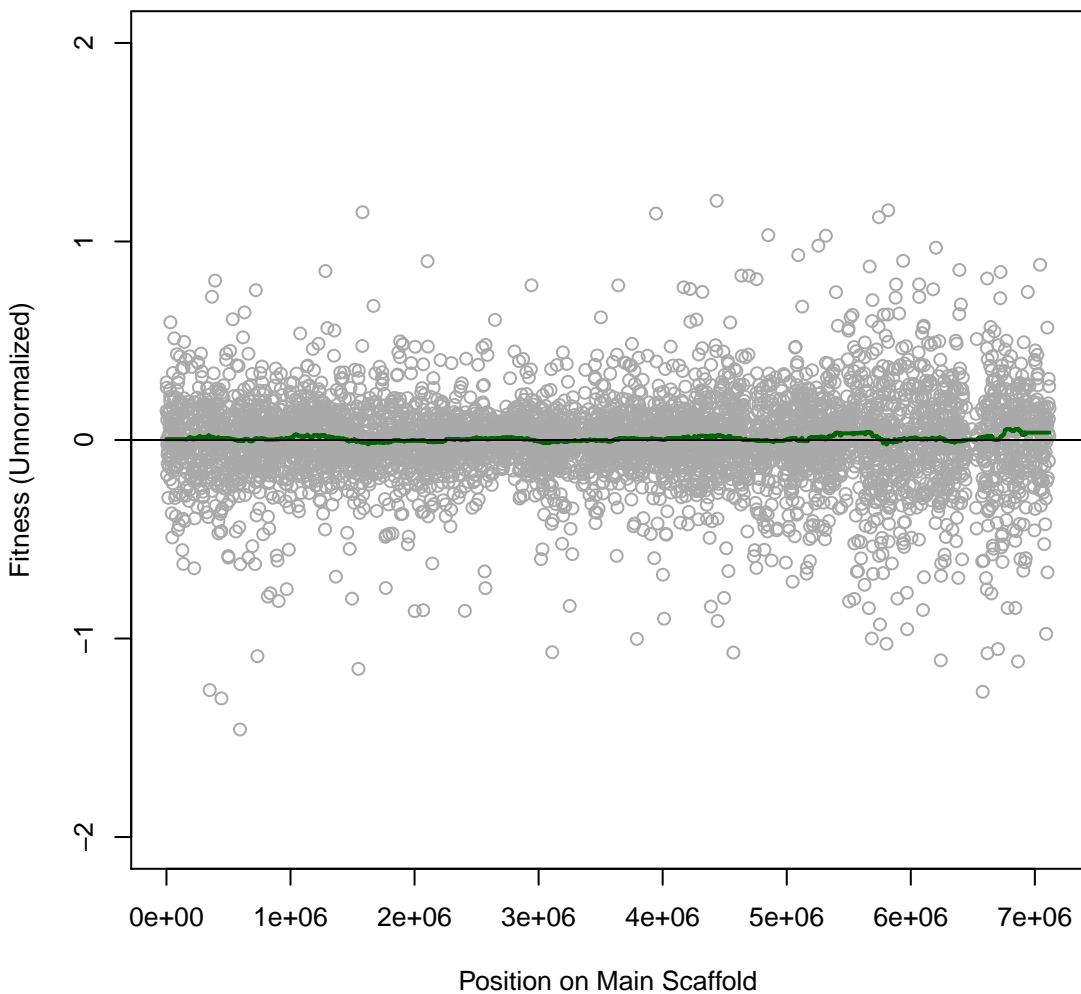
**pseudo5\_N2C3\_1 5IT093 #189 (gMed=167 rho12=0.211)**  
**Putrescine (N)**



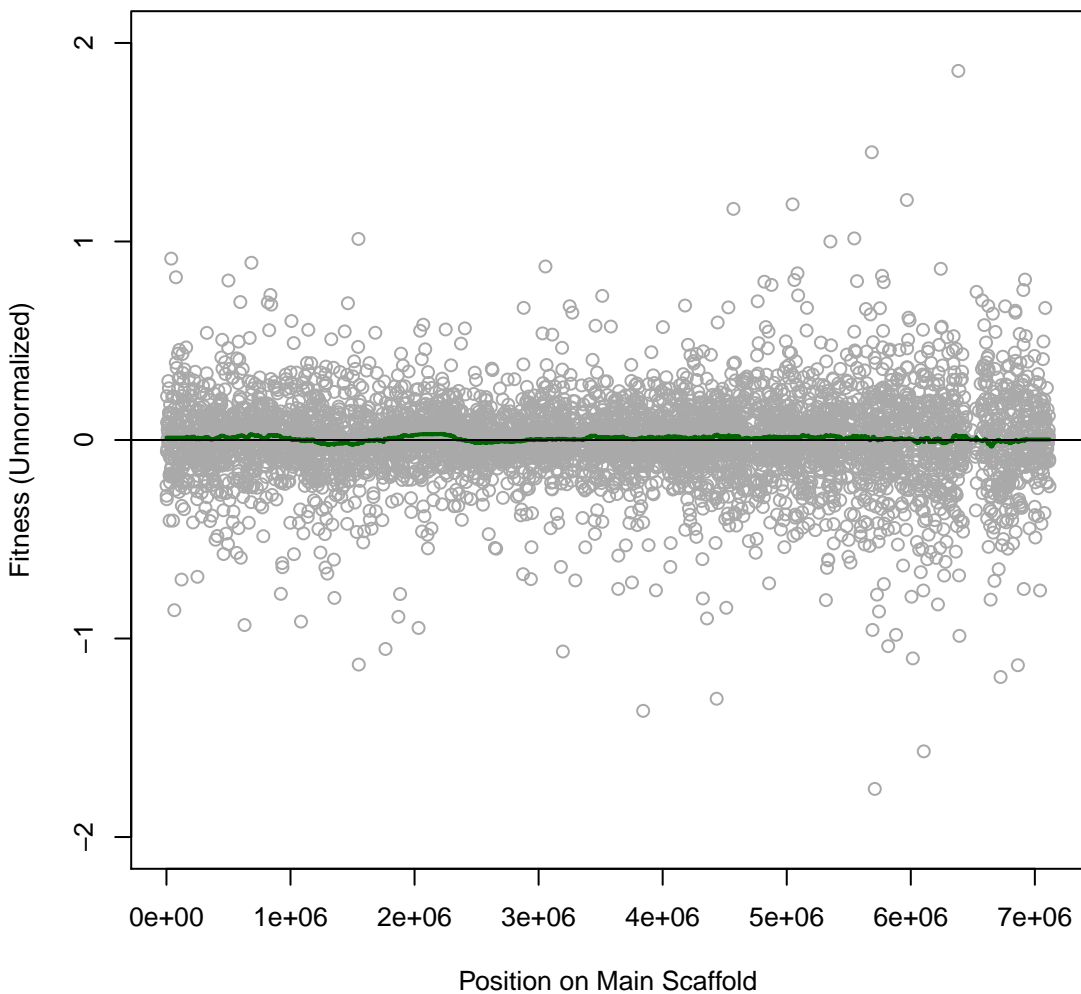
**pseudo5\_N2C3\_1 5IT094 #190 (gMed=157 rho12=-0.001)**  
**Time0**



**pseudo5\_N2C3\_1 5IT095 #191 (gMed=156 rho12=0.009)**  
**Time0**

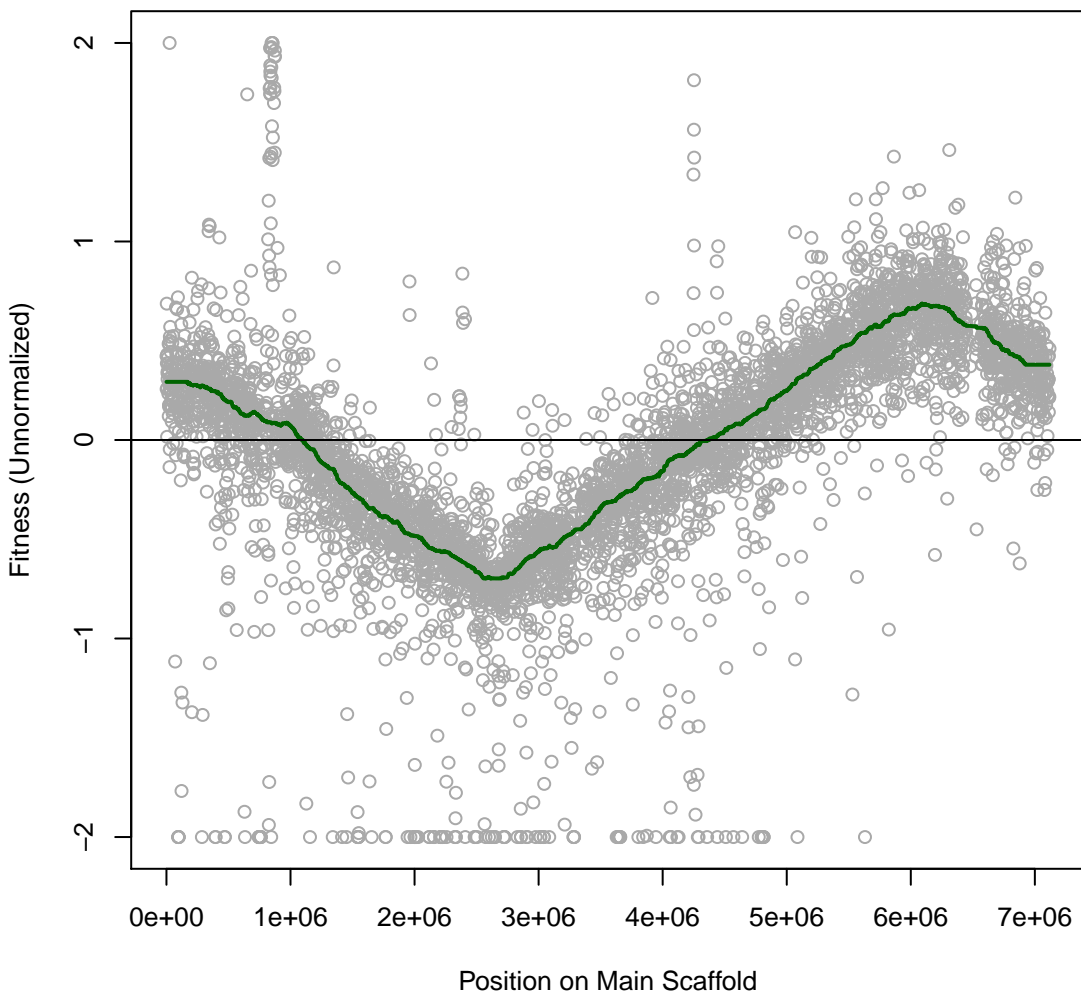


**pseudo5\_N2C3\_1 5IT096 #192 (gMed=160 rho12=-0.001)**  
**Time0**

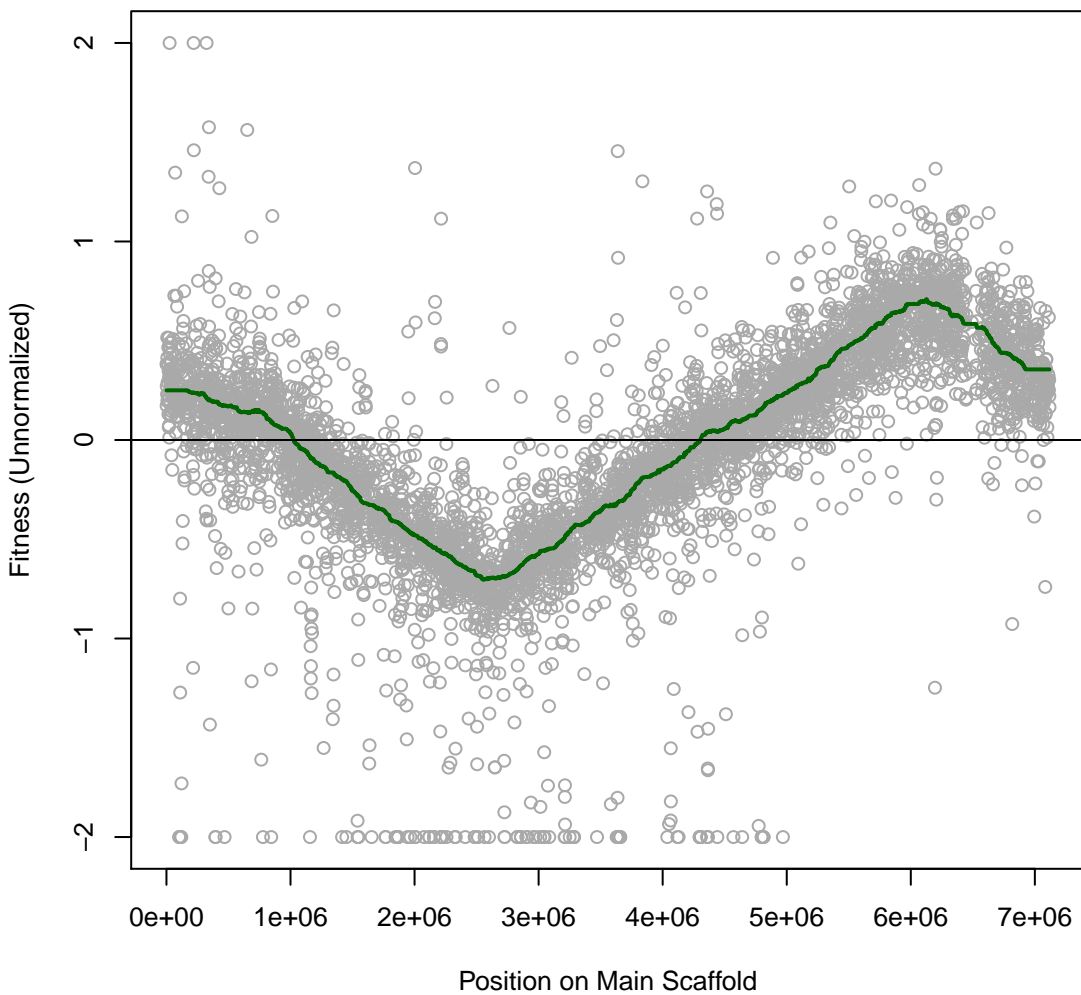


**pseudo5\_N2C3\_1 6IT049 #193 (gMed=217 rho12=0.250)**

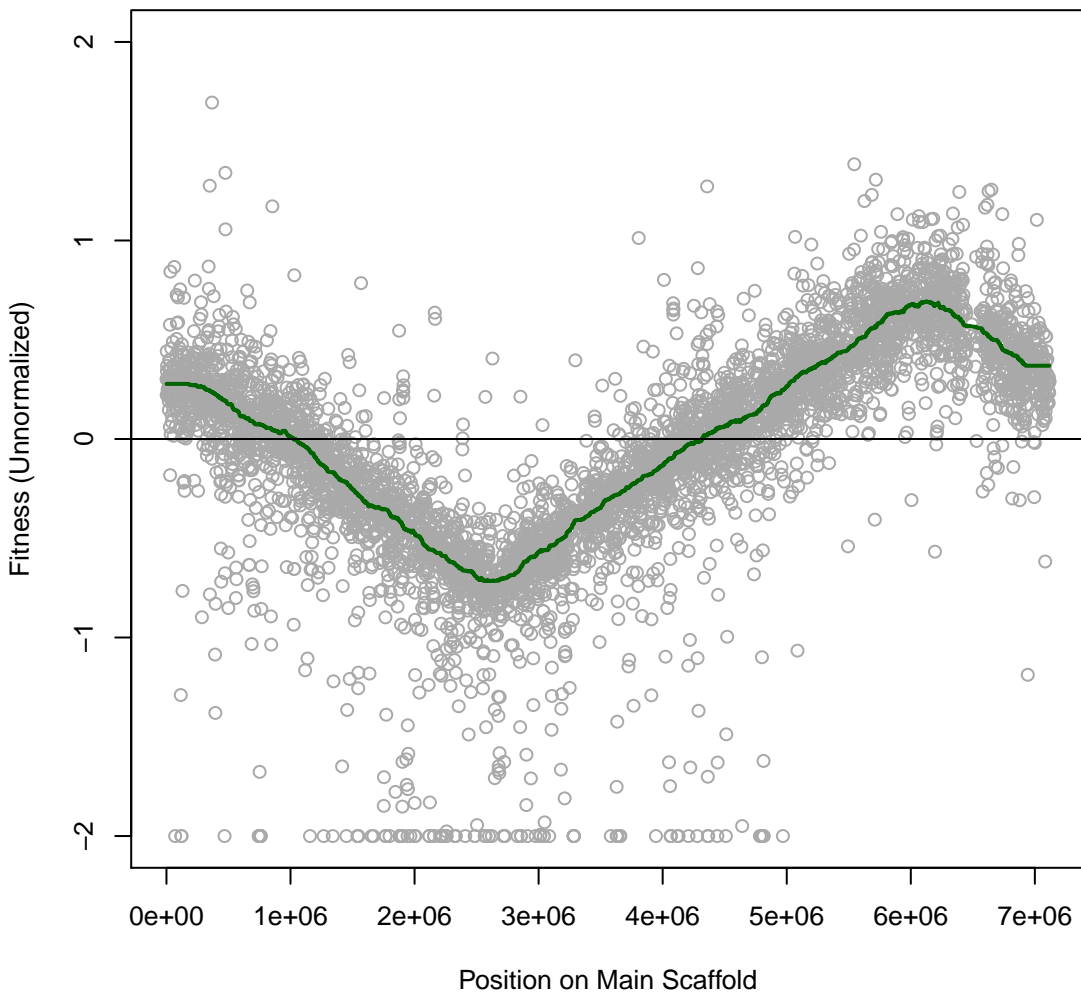
**D-Glucosamine Hydrochloride (N)**



**pseudo5\_N2C3\_1 6IT050 #194 (gMed=220 rho12=0.253)**  
**Adenosine (N)**

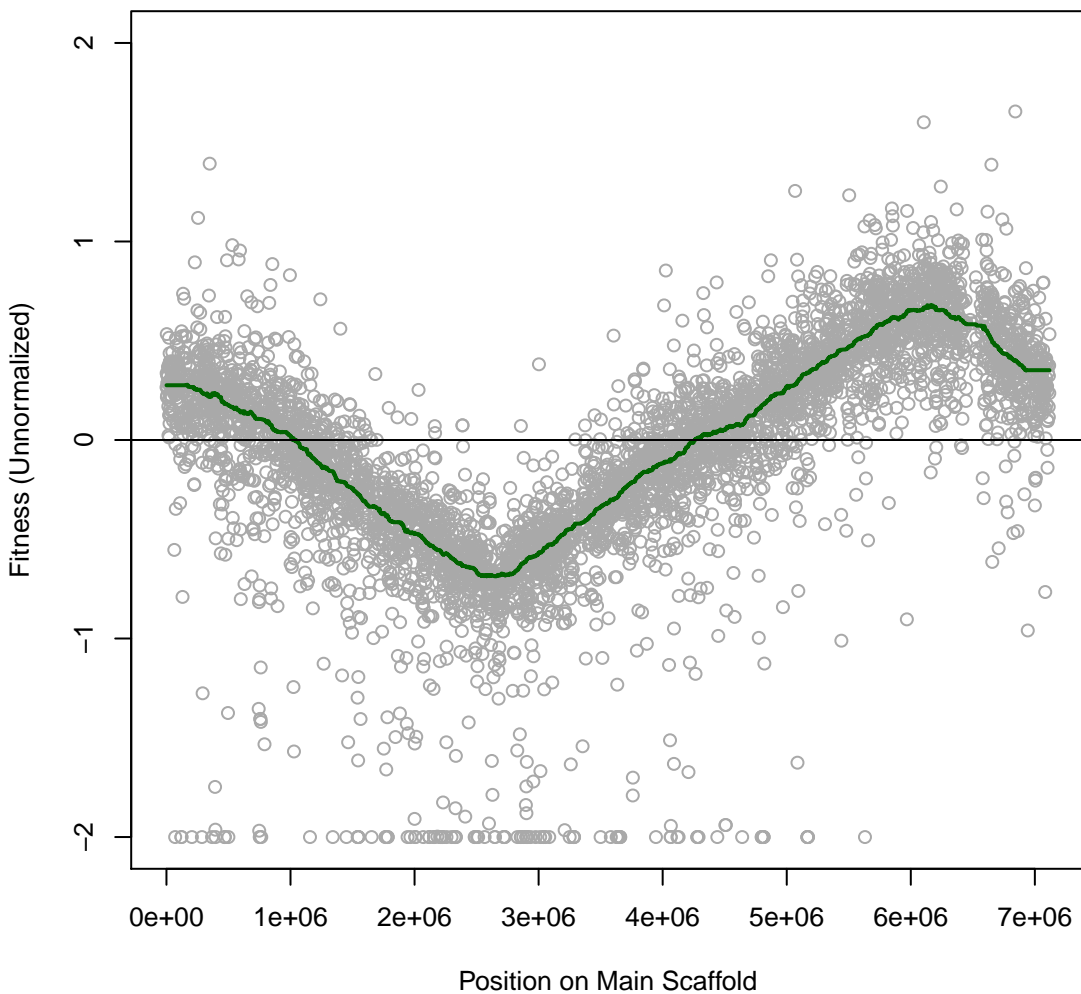


**pseudo5\_N2C3\_1 6IT051 #195 (gMed=225 rho12=0.224)**  
**Adenine (N)**

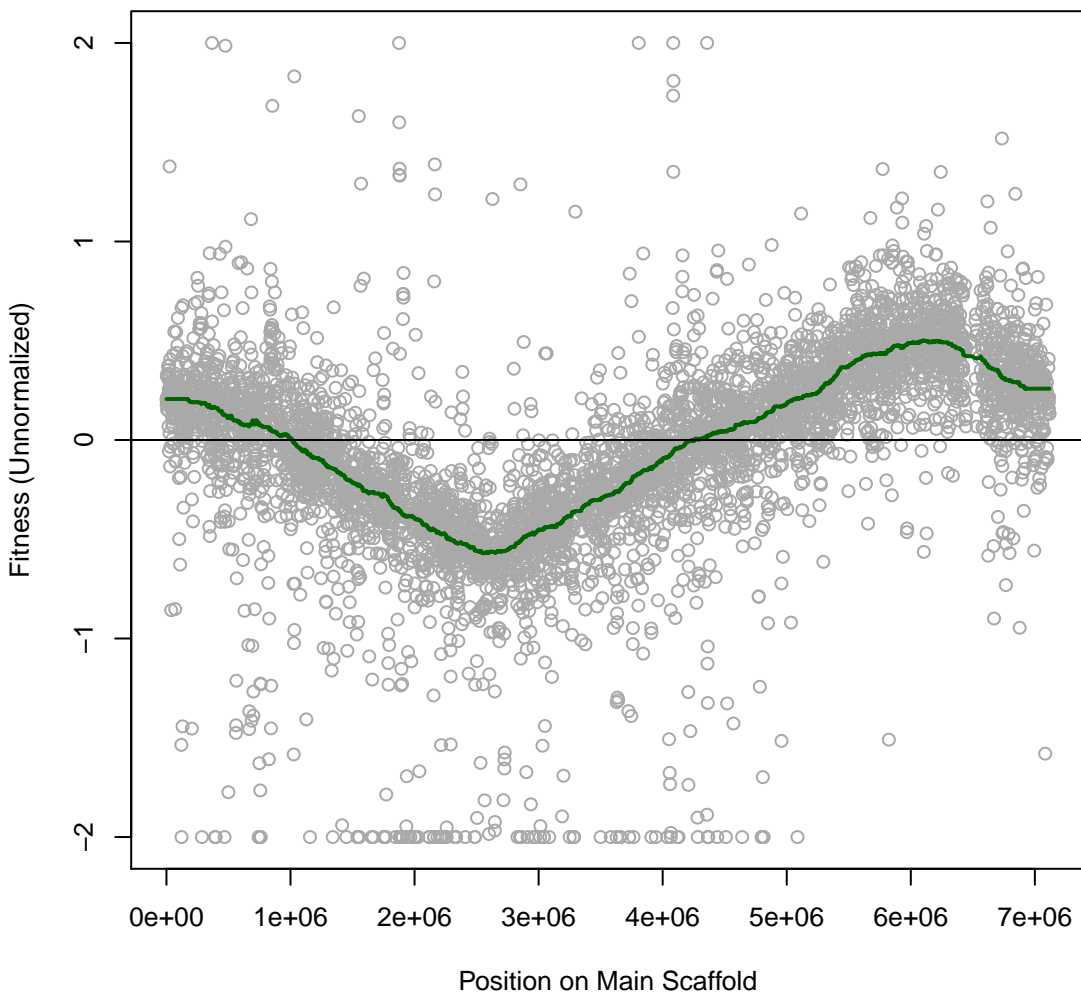


**pseudo5\_N2C3\_1 6IT052 #196 (gMed=190 rho12=0.206)**

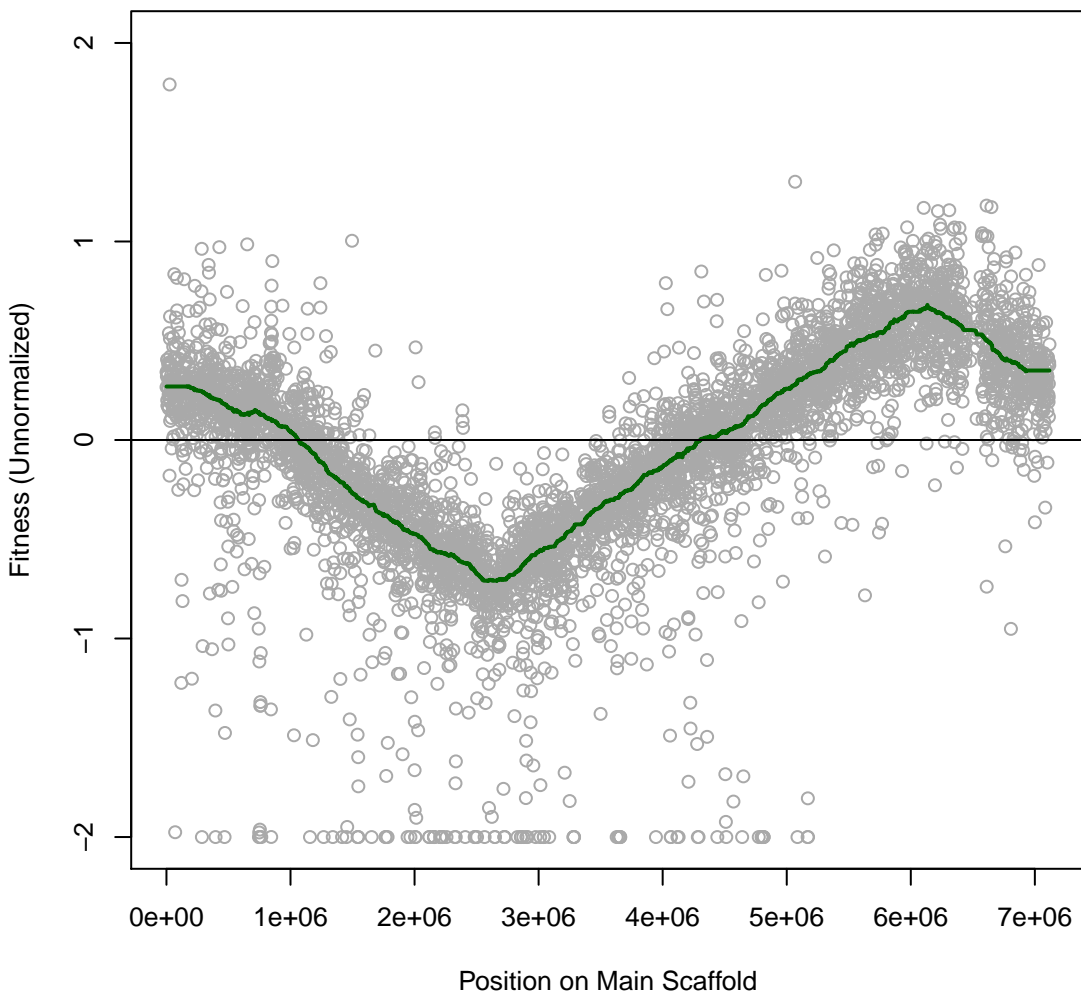
**Uridine (N)**



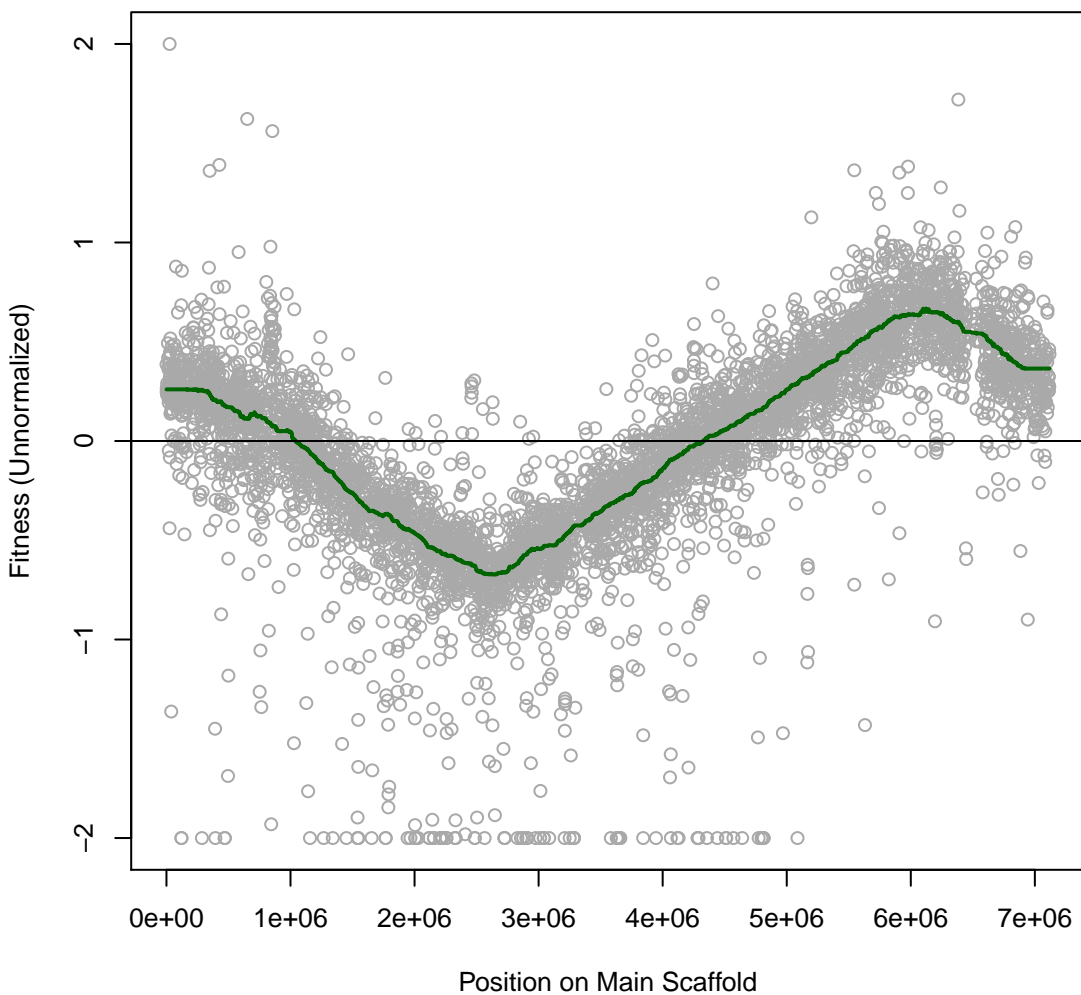
**pseudo5\_N2C3\_1 6IT053 #197 (gMed=190 rho12=0.294)**  
**Inosine (N)**



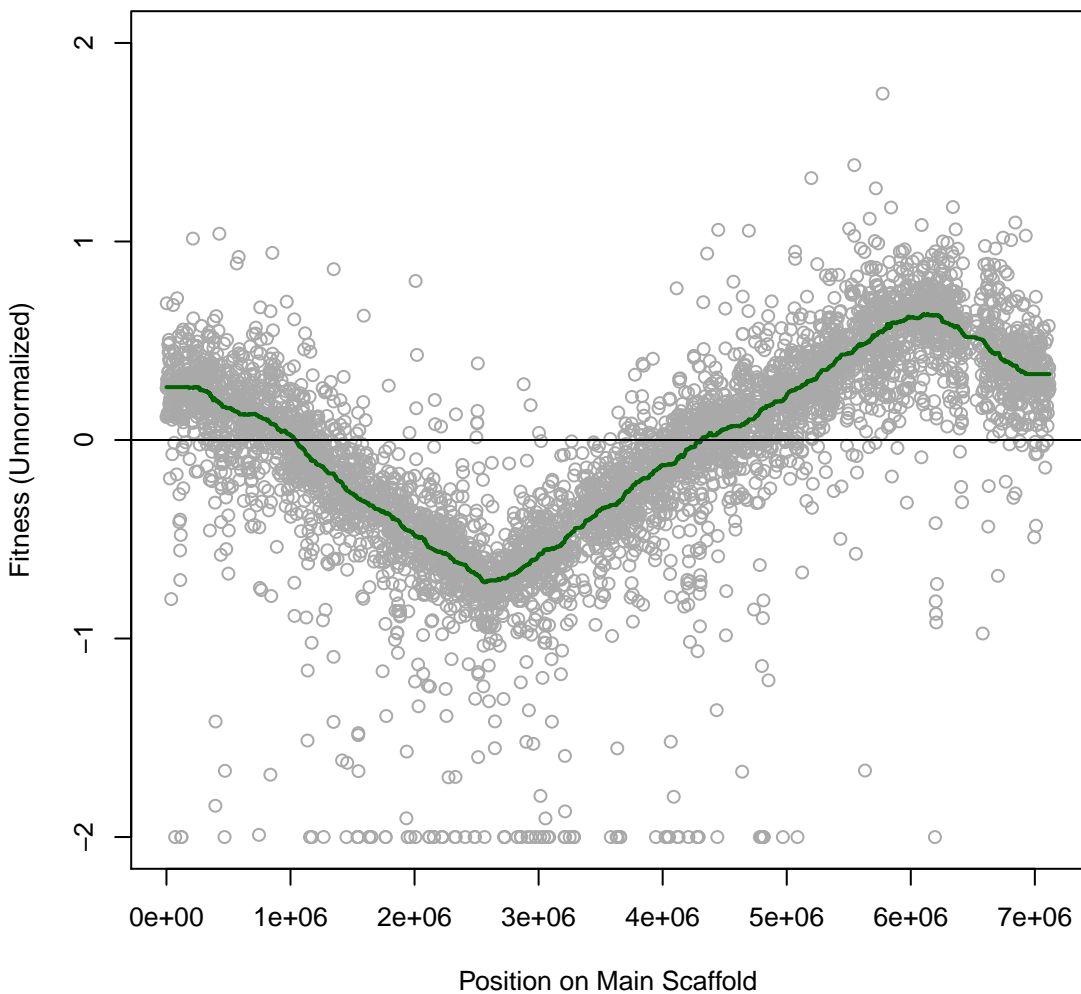
**pseudo5\_N2C3\_1 6IT054 #198 (gMed=218 rho12=0.188)**  
**Thymine (N)**



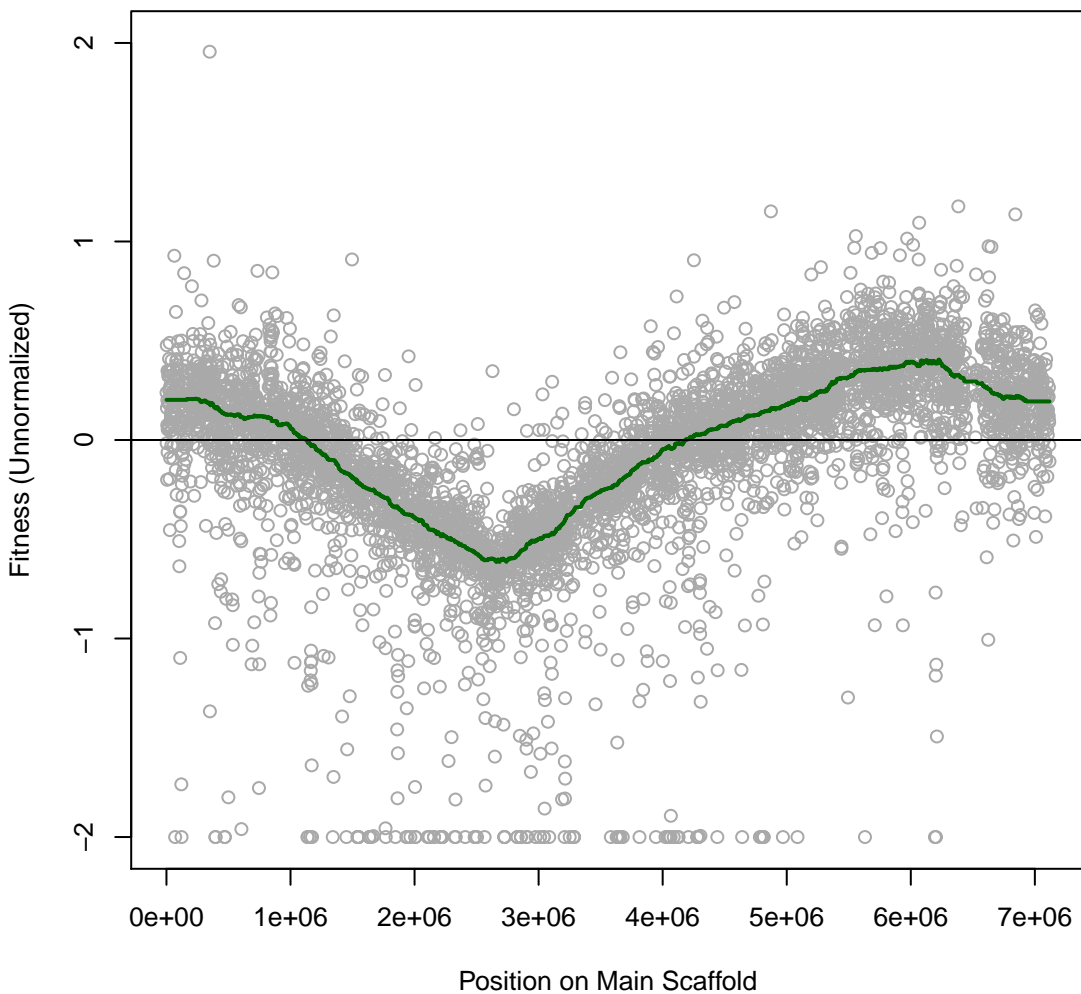
**pseudo5\_N2C3\_1 6IT055 #199 (gMed=214 rho12=0.199)**  
**Cytosine (N)**



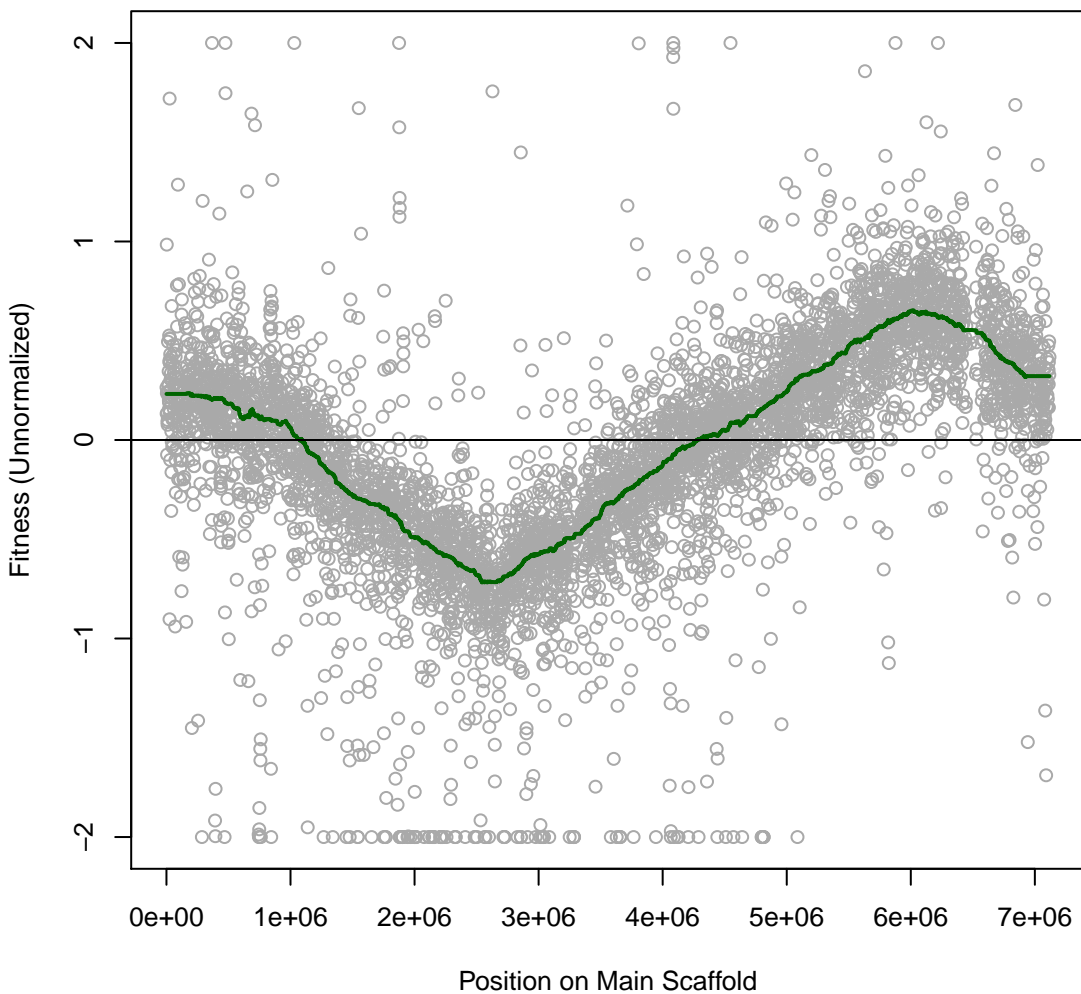
**pseudo5\_N2C3\_1 6IT056 #200 (gMed=211 rho12=0.187)**  
**Ammonium chloride (N)**



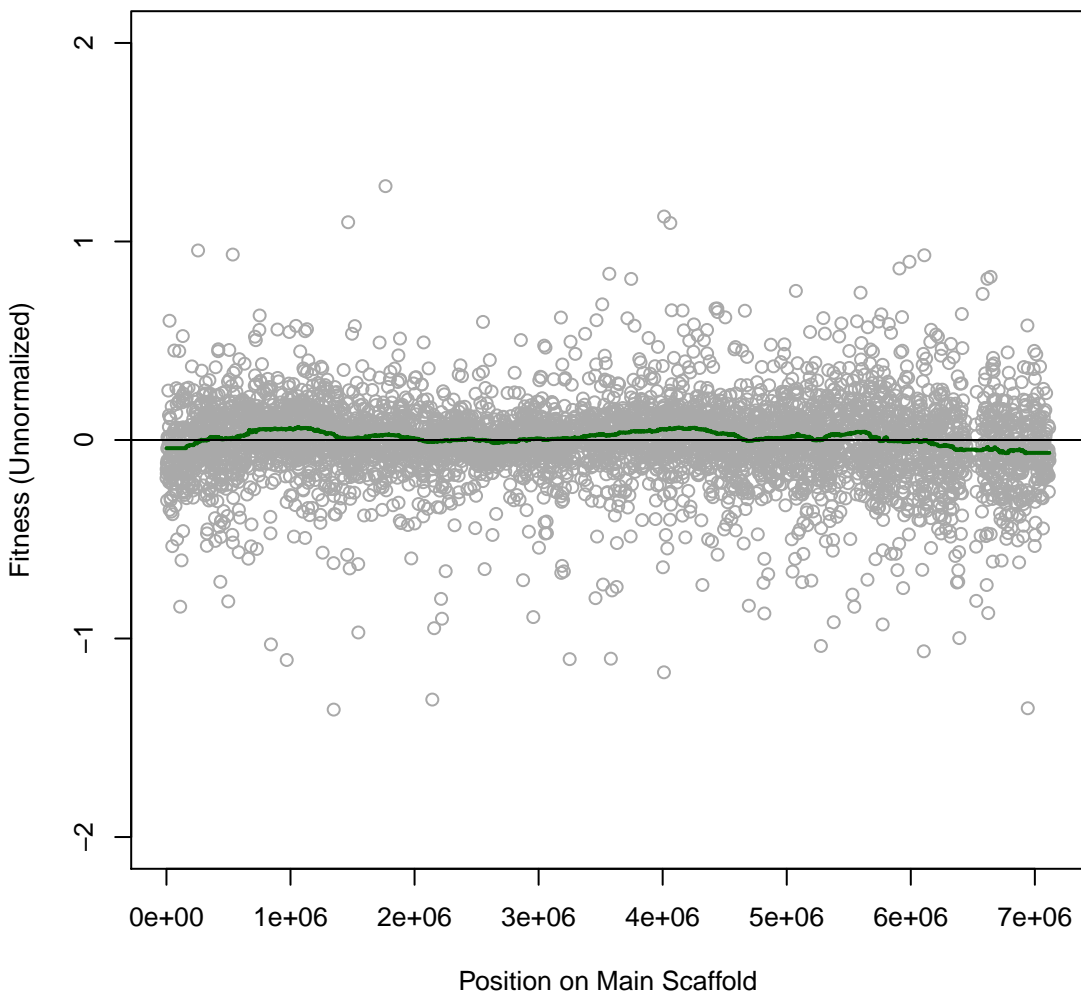
**pseudo5\_N2C3\_1 6IT058 #202 (gMed=206 rho12=0.215)**  
**nitrite (N)**



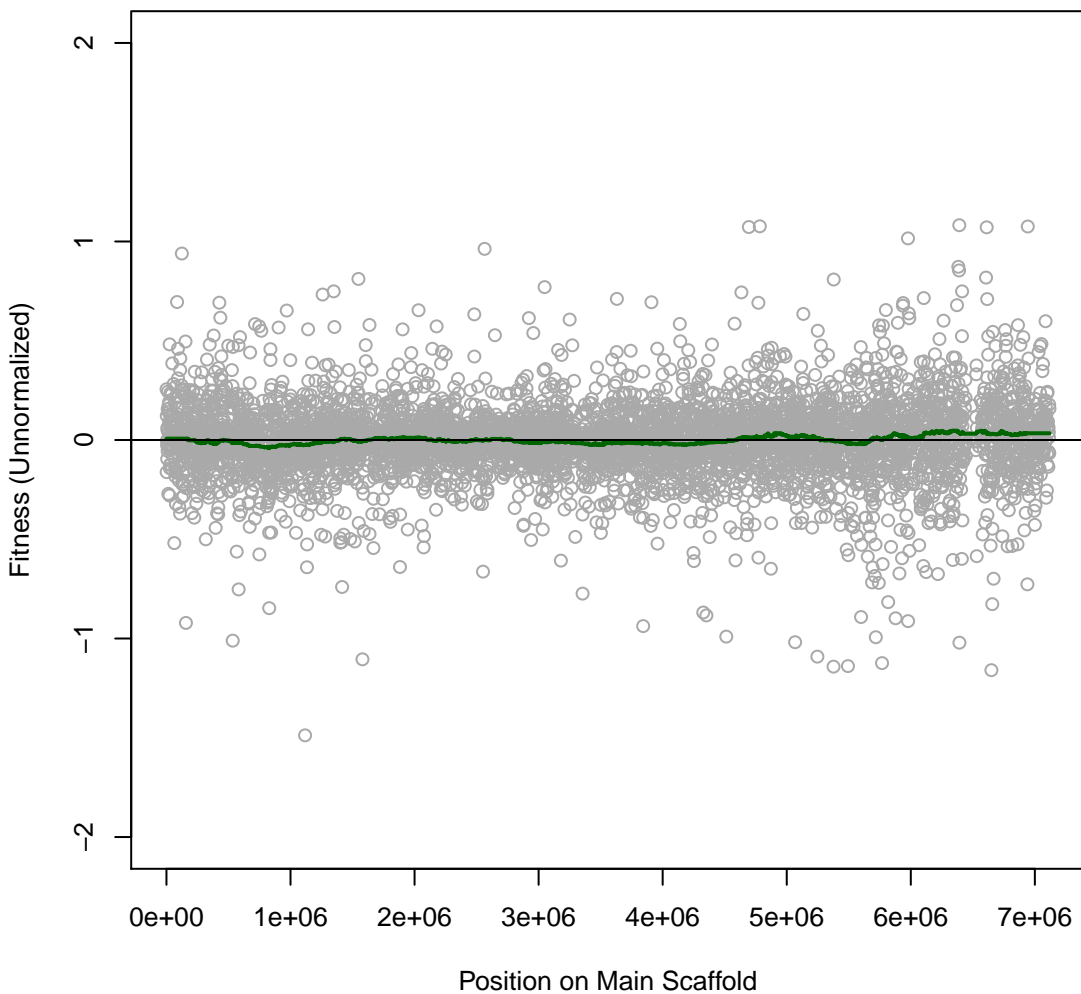
**pseudo5\_N2C3\_1 6IT059 #203 (gMed=100 rho12=0.196)**  
**Urea (N)**



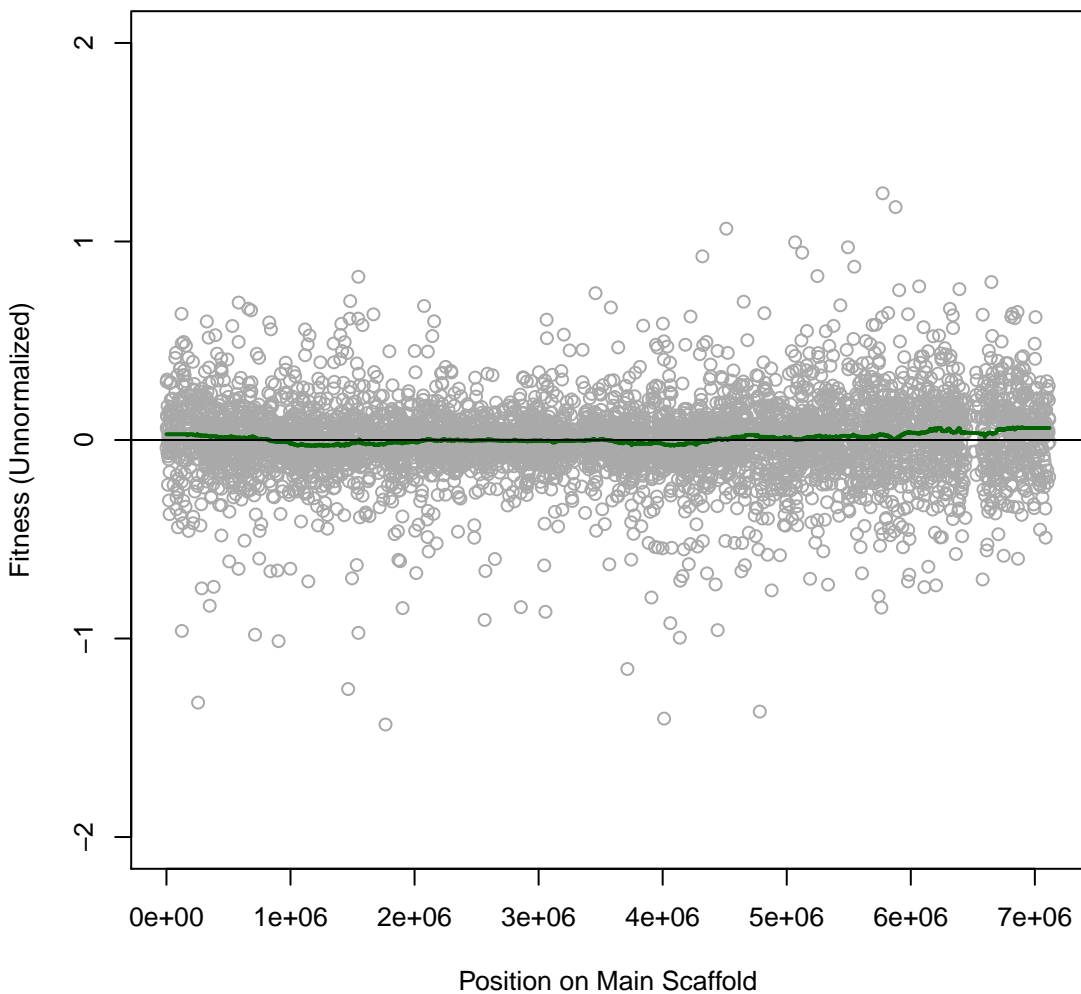
**pseudo5\_N2C3\_1 6IT060 #204 (gMed=204 rho12=0.014)**  
**Time0**



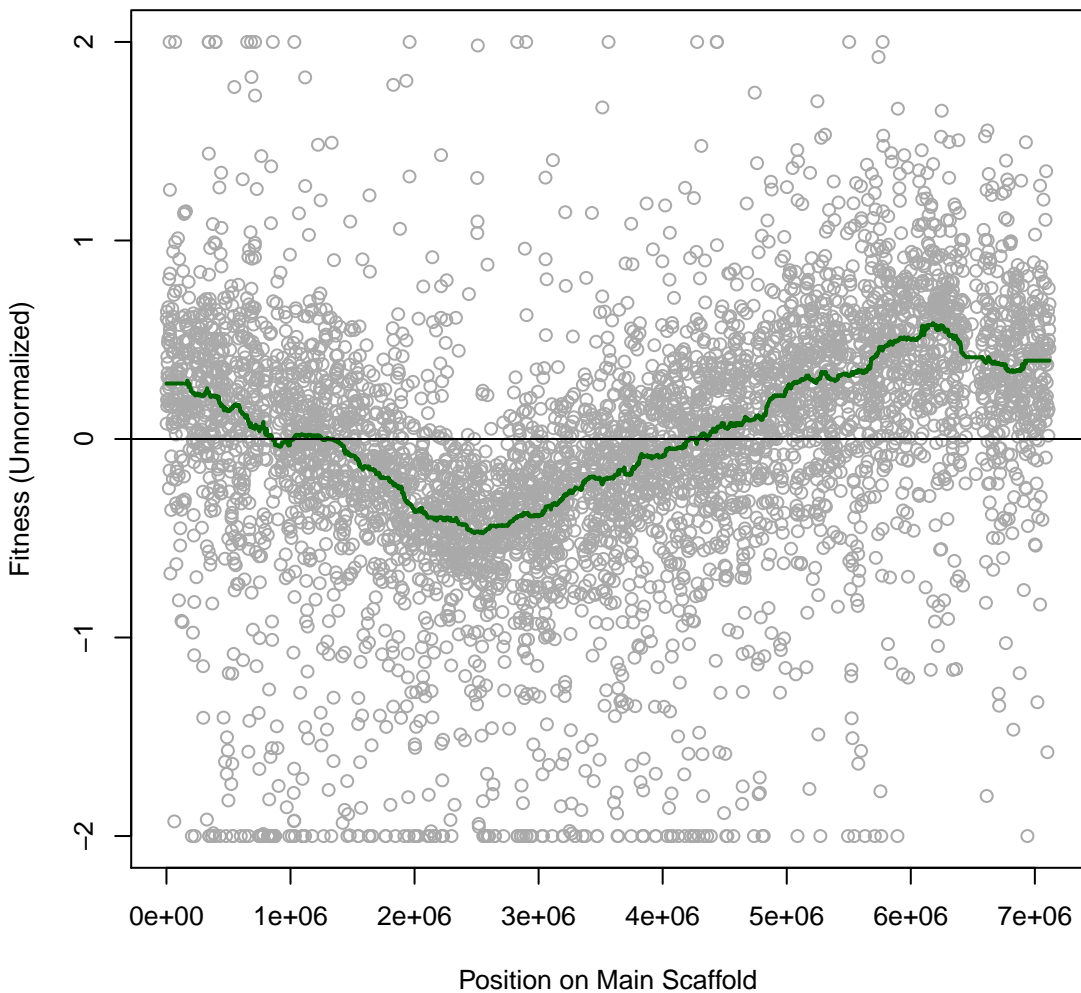
**pseudo5\_N2C3\_1 6IT061 #205 (gMed=200 rho12=0.005)**  
**Time0**



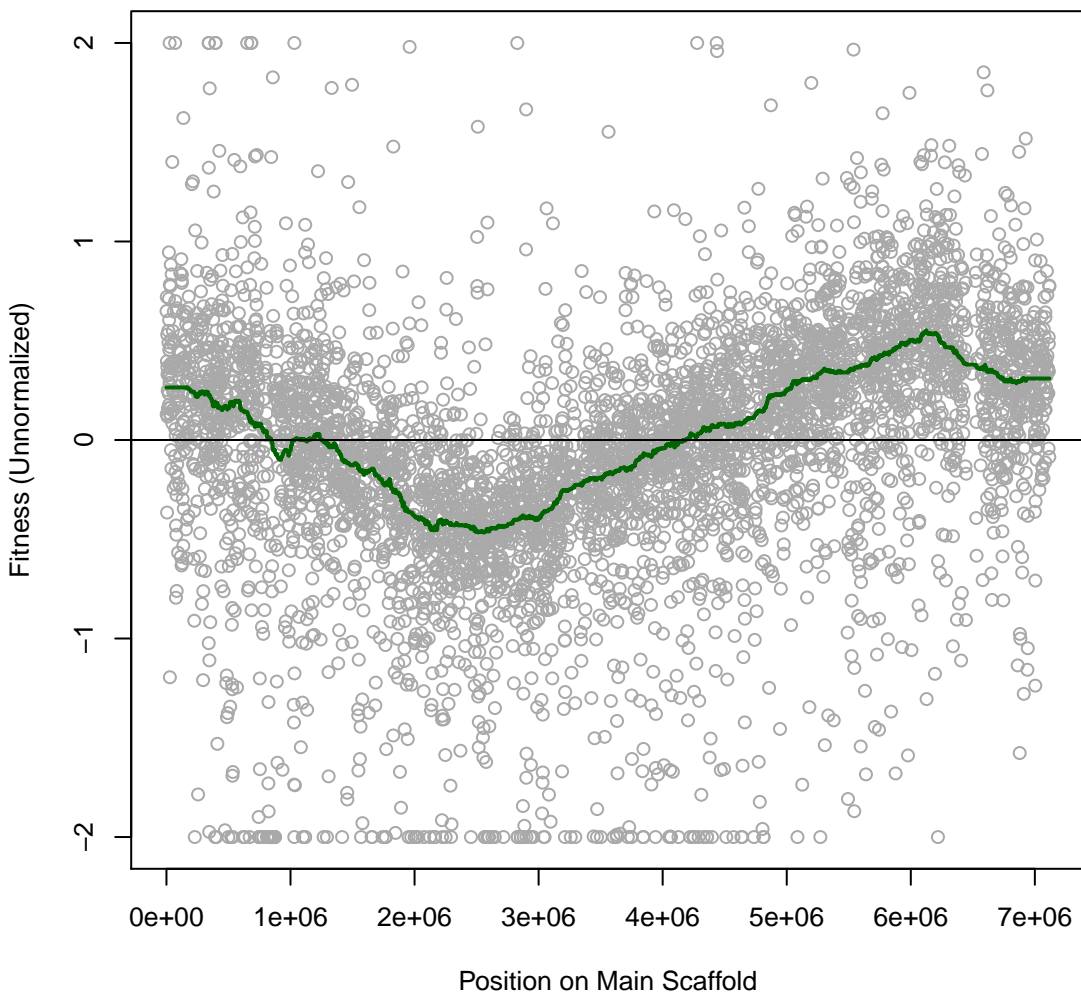
**pseudo5\_N2C3\_1 6IT062 #206 (gMed=217 rho12=0.036)**  
**Time0**



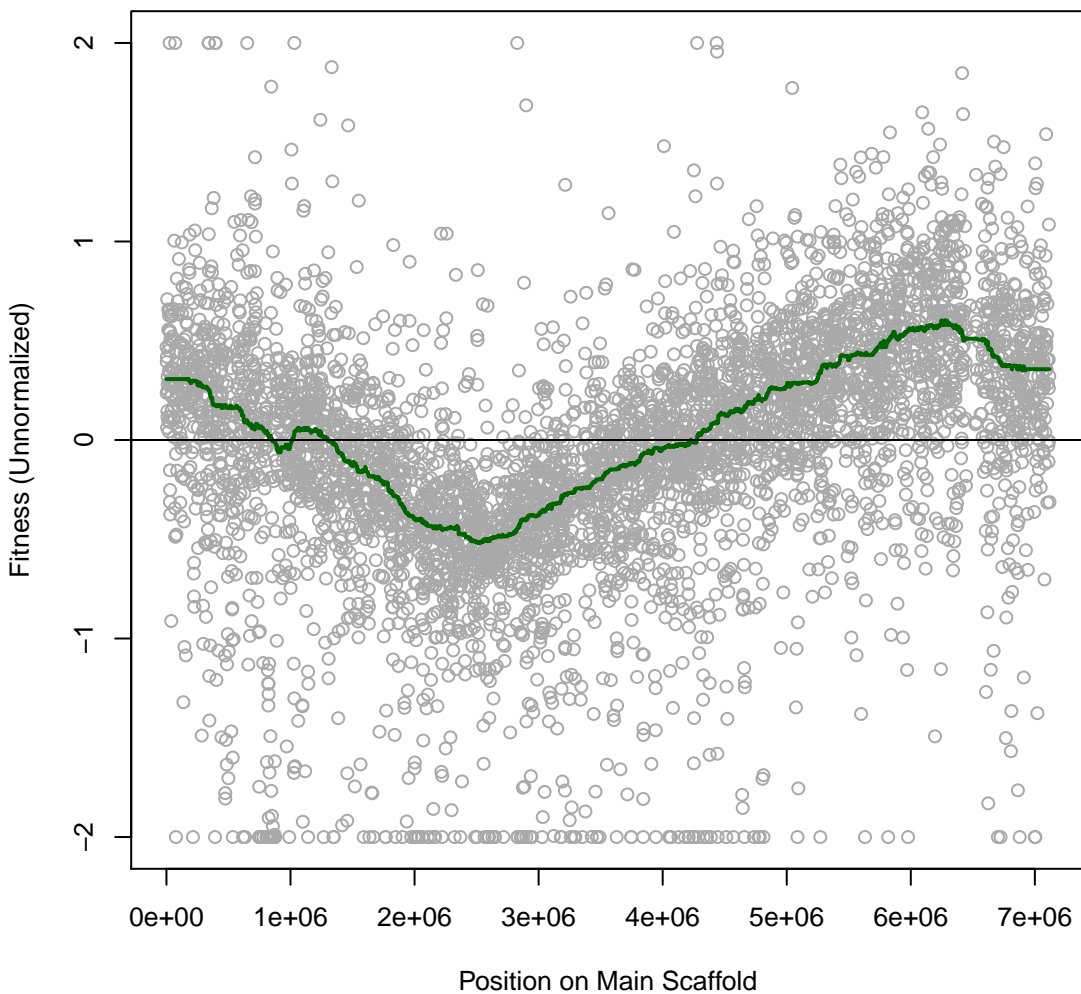
**pseudo5\_N2C3\_1 6IT063 #207 (gMed=130 rho12=0.235)**  
**outer cut, LB soft agar motility assay**



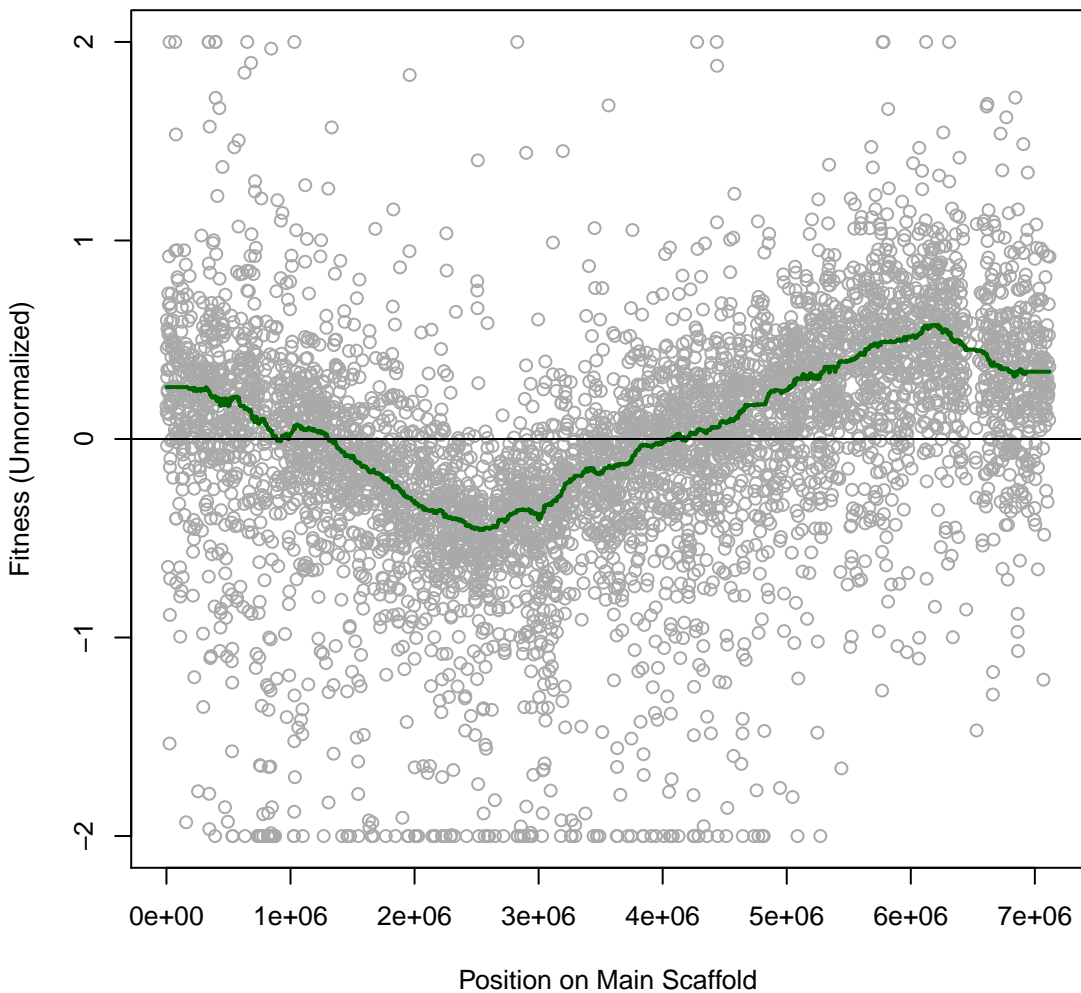
**pseudo5\_N2C3\_1 6IT064 #208 (gMed=134 rho12=0.208)**  
**outer cut, LB soft agar motility assay**



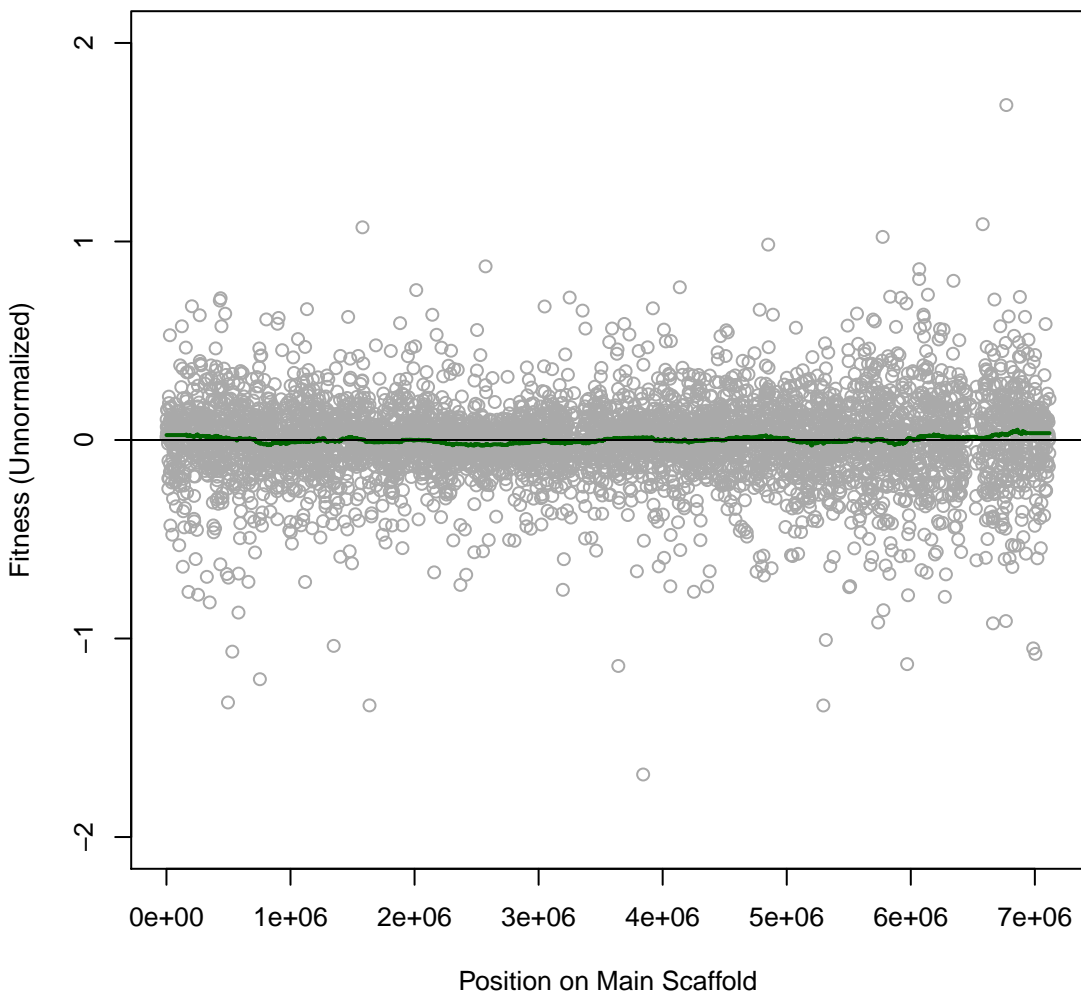
**pseudo5\_N2C3\_1 6IT065 #209 (gMed=151 rho12=0.194)**  
**outer cut, LB soft agar motility assay**



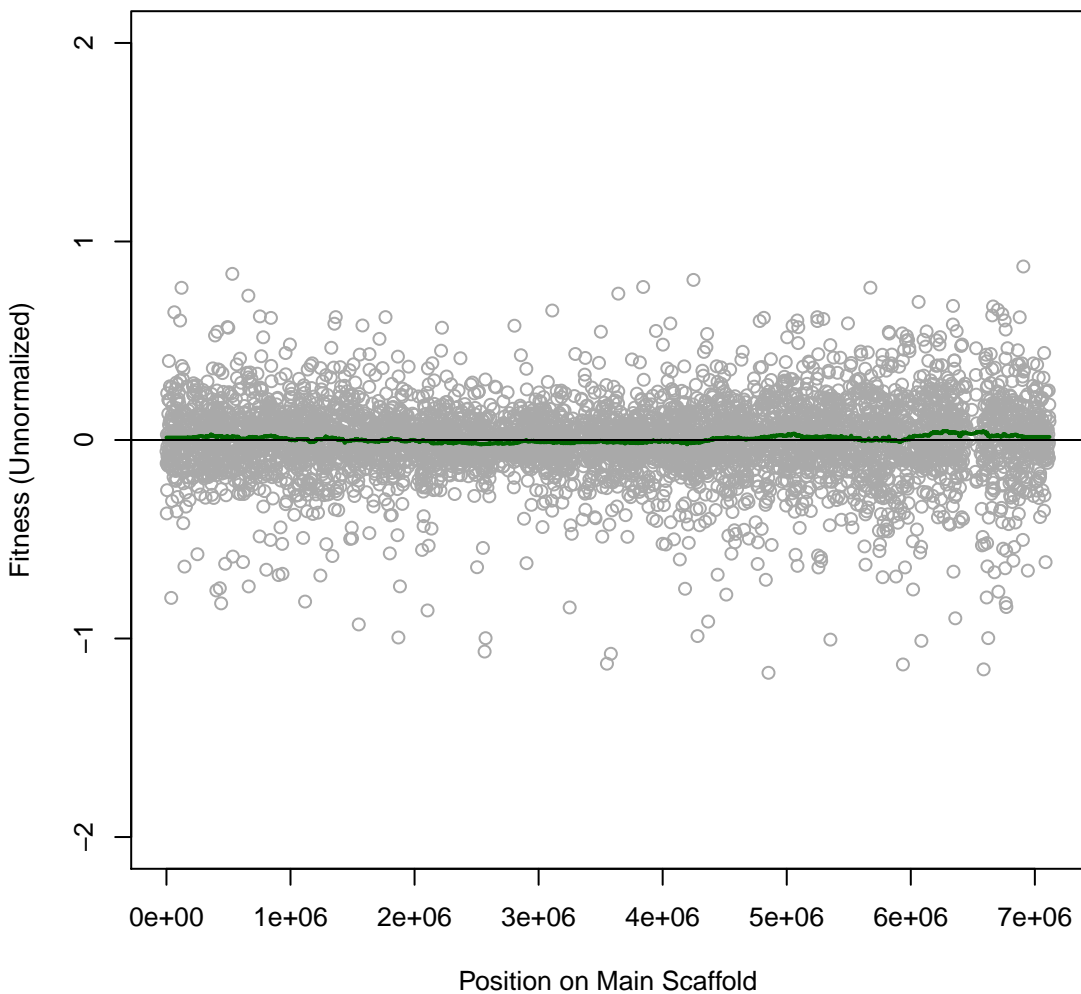
**pseudo5\_N2C3\_1 6IT066 #210 (gMed=133 rho12=0.208)**  
**outer cut, LB soft agar motility assay**



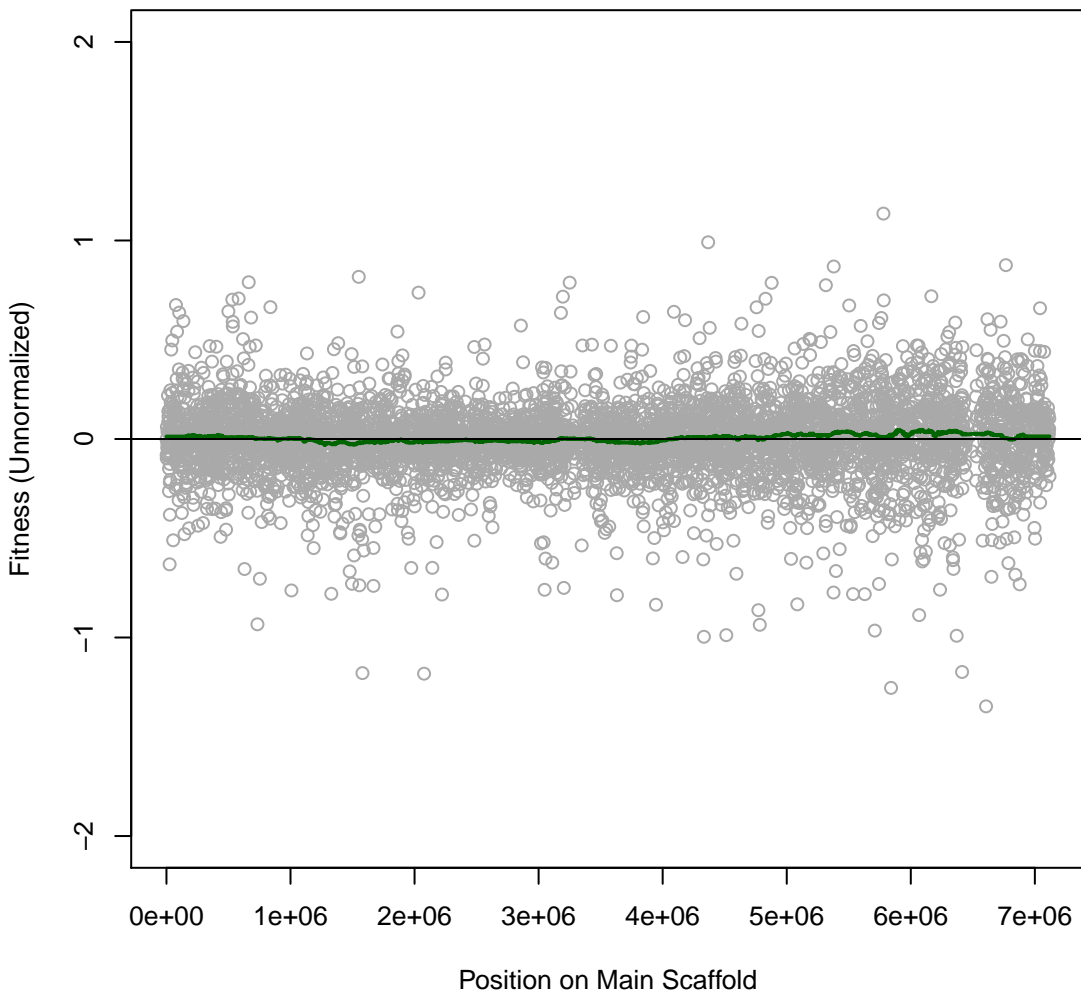
**pseudo5\_N2C3\_1 6IT067 #211 (gMed=185 rho12=0.018)**  
**Time0**



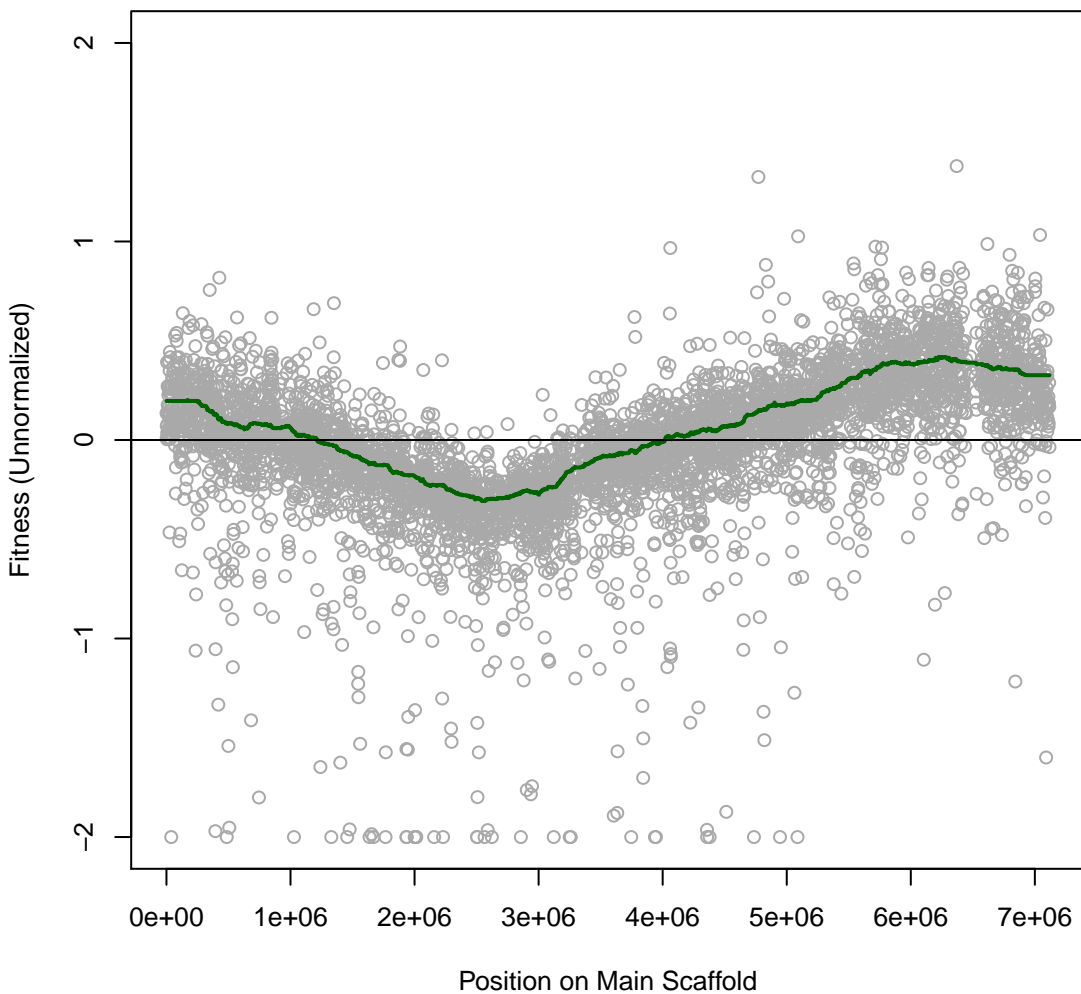
**pseudo5\_N2C3\_1 6IT068 #212 (gMed=173 rho12=0.010)**  
**Time0**



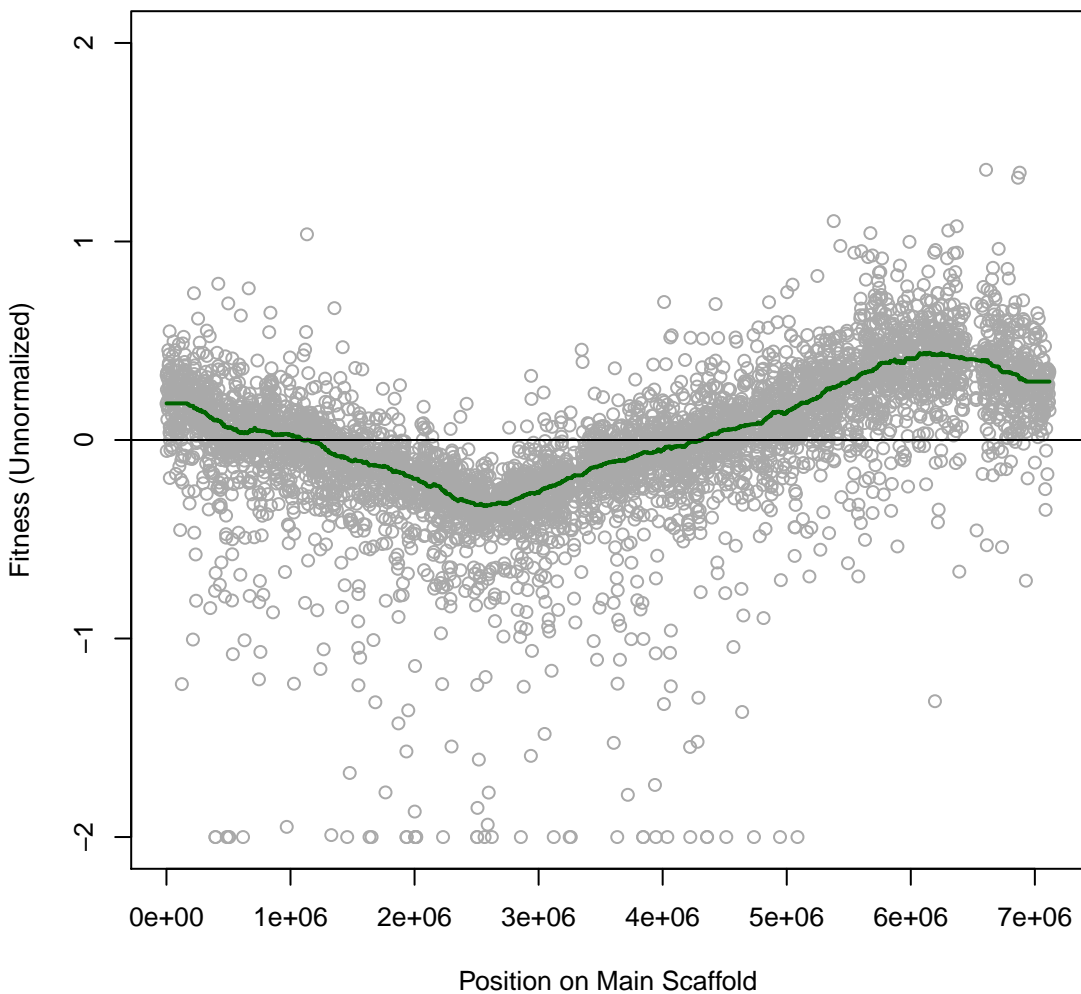
**pseudo5\_N2C3\_1 6IT069 #213 (gMed=174 rho12=0.041)**  
**Time0**



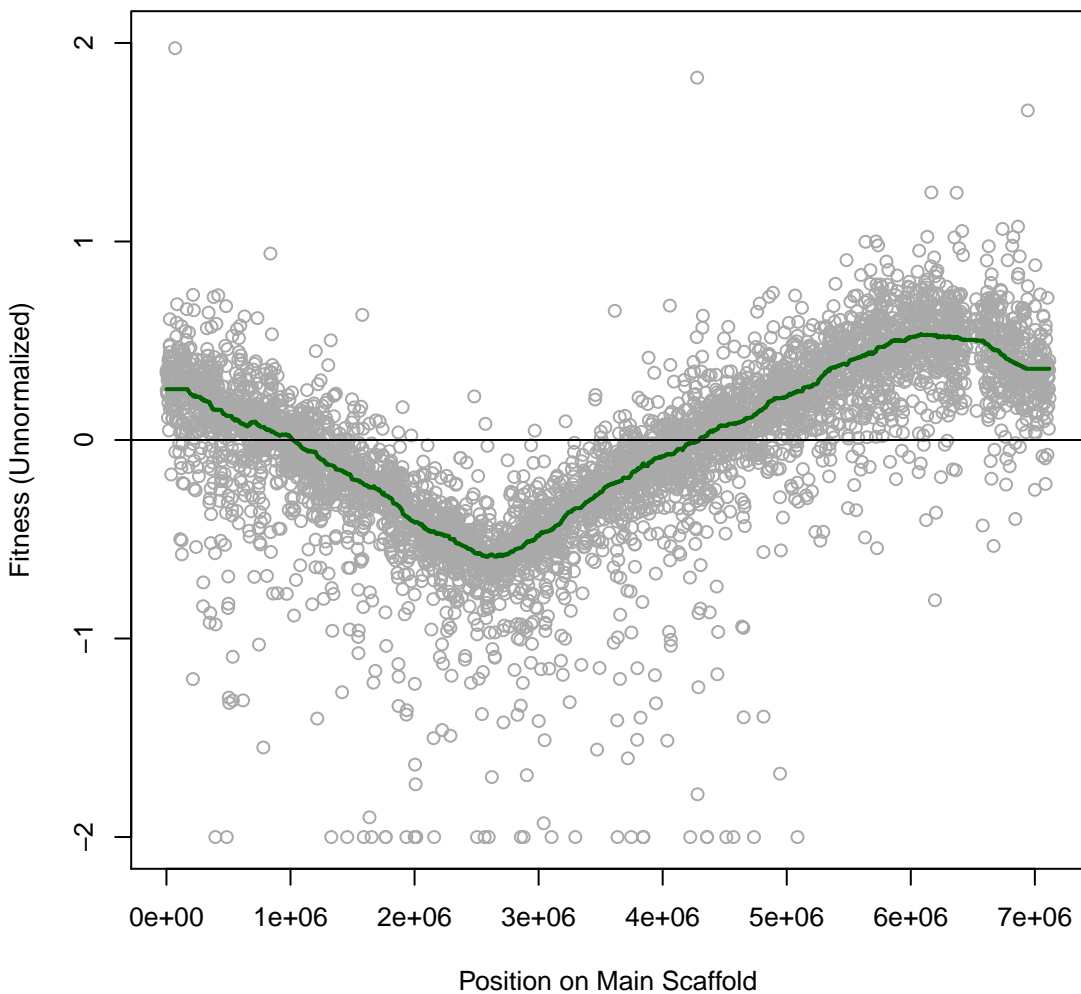
**pseudo5\_N2C3\_1 6IT070 #214 (gMed=159 rho12=0.133)**  
**LB 10C**



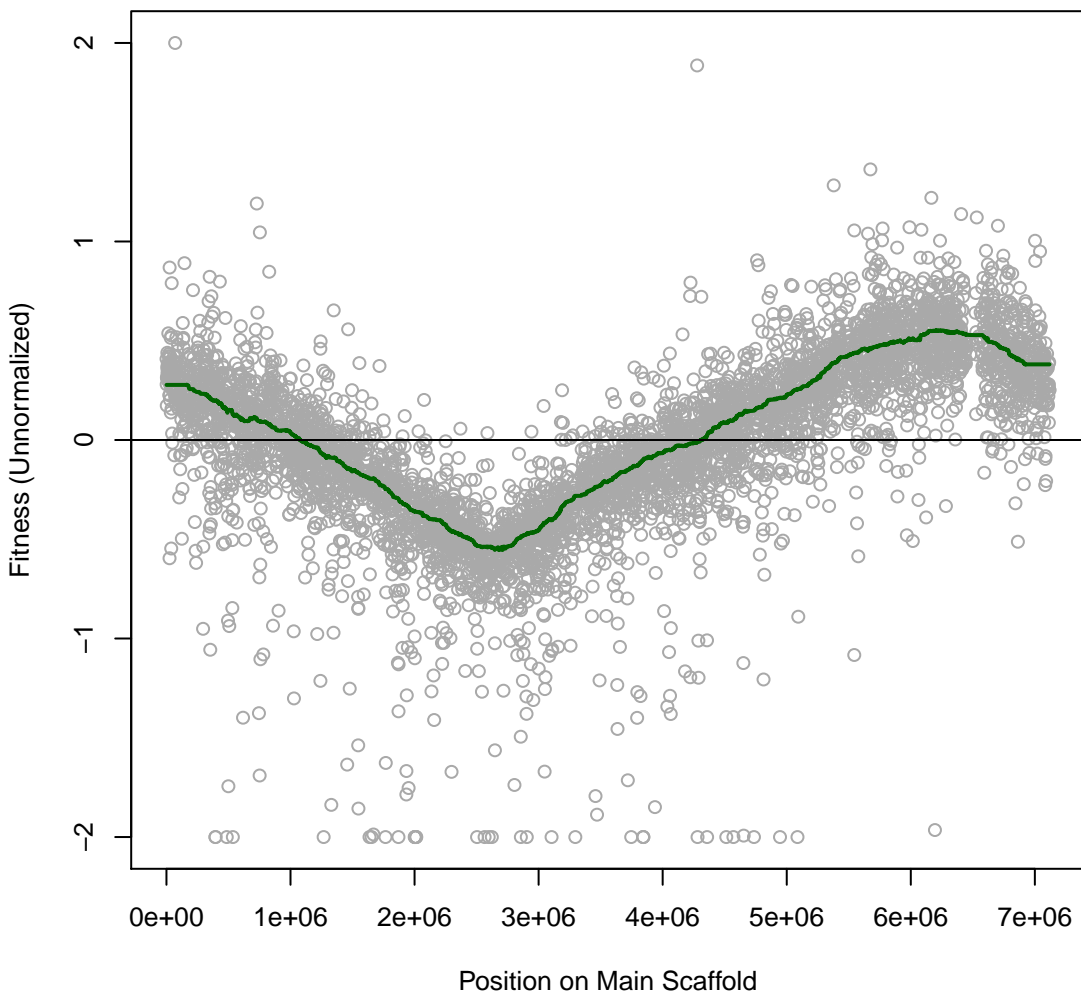
**pseudo5\_N2C3\_1 6IT071 #215 (gMed=189 rho12=0.133)**  
**LB 10C**



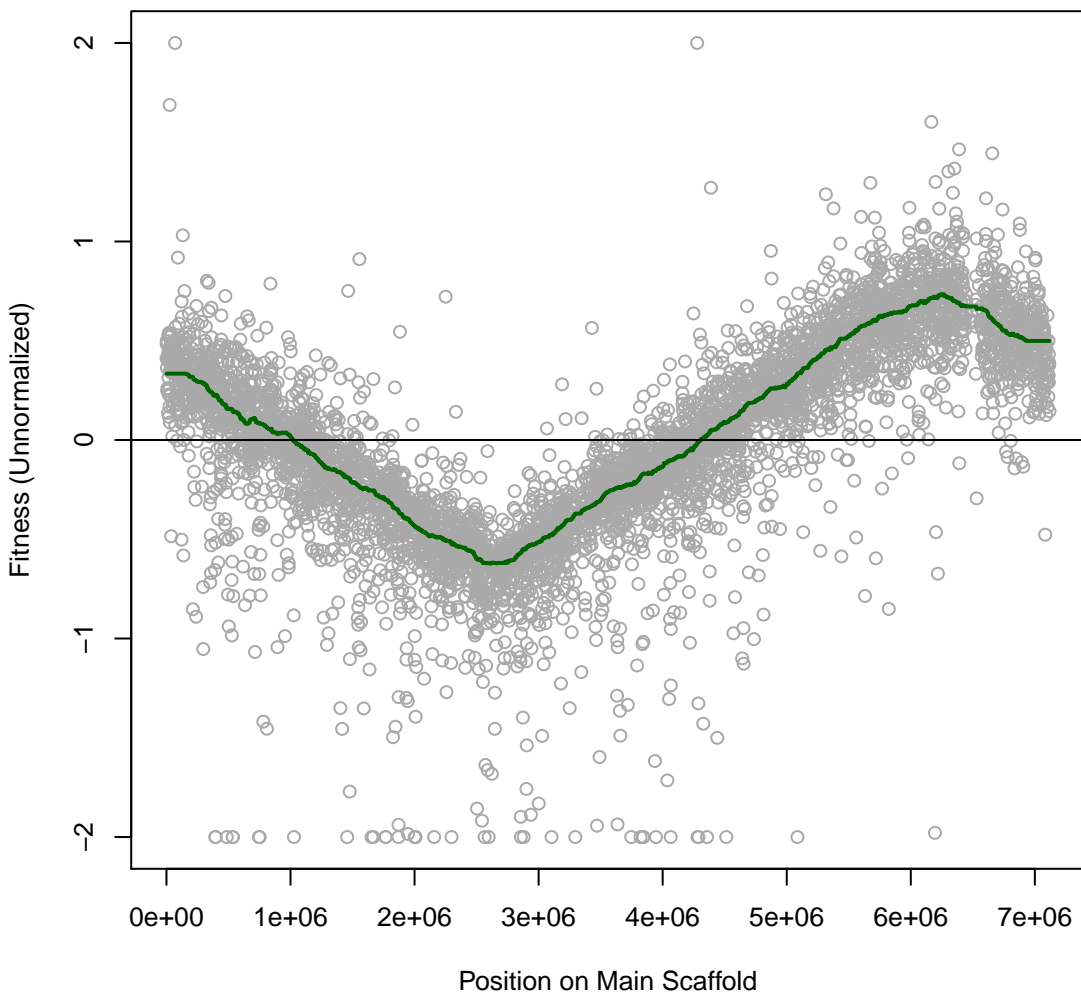
**pseudo5\_N2C3\_1 6IT072 #216 (gMed=195 rho12=0.103)**  
**LB 20C**



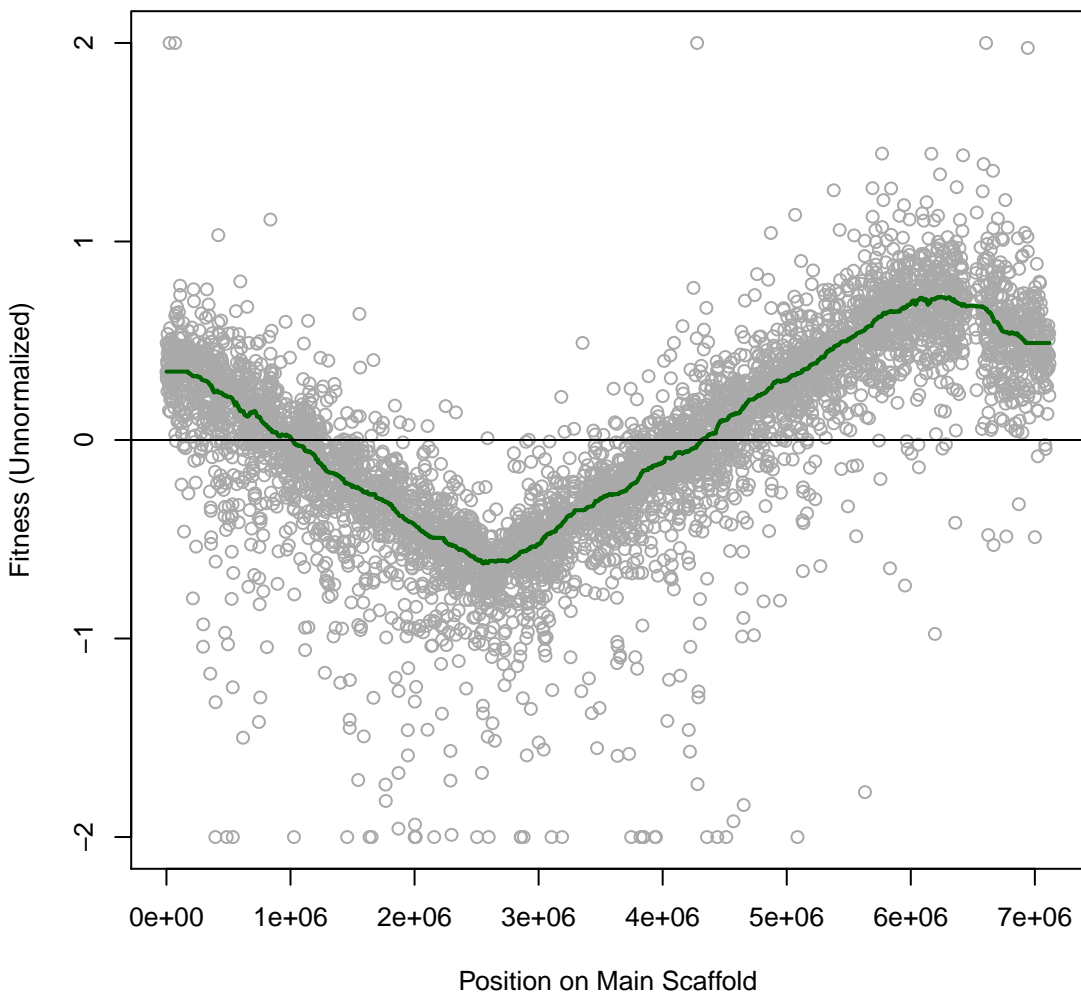
**pseudo5\_N2C3\_1 6IT073 #217 (gMed=175 rho12=0.129)**  
**LB 20C**



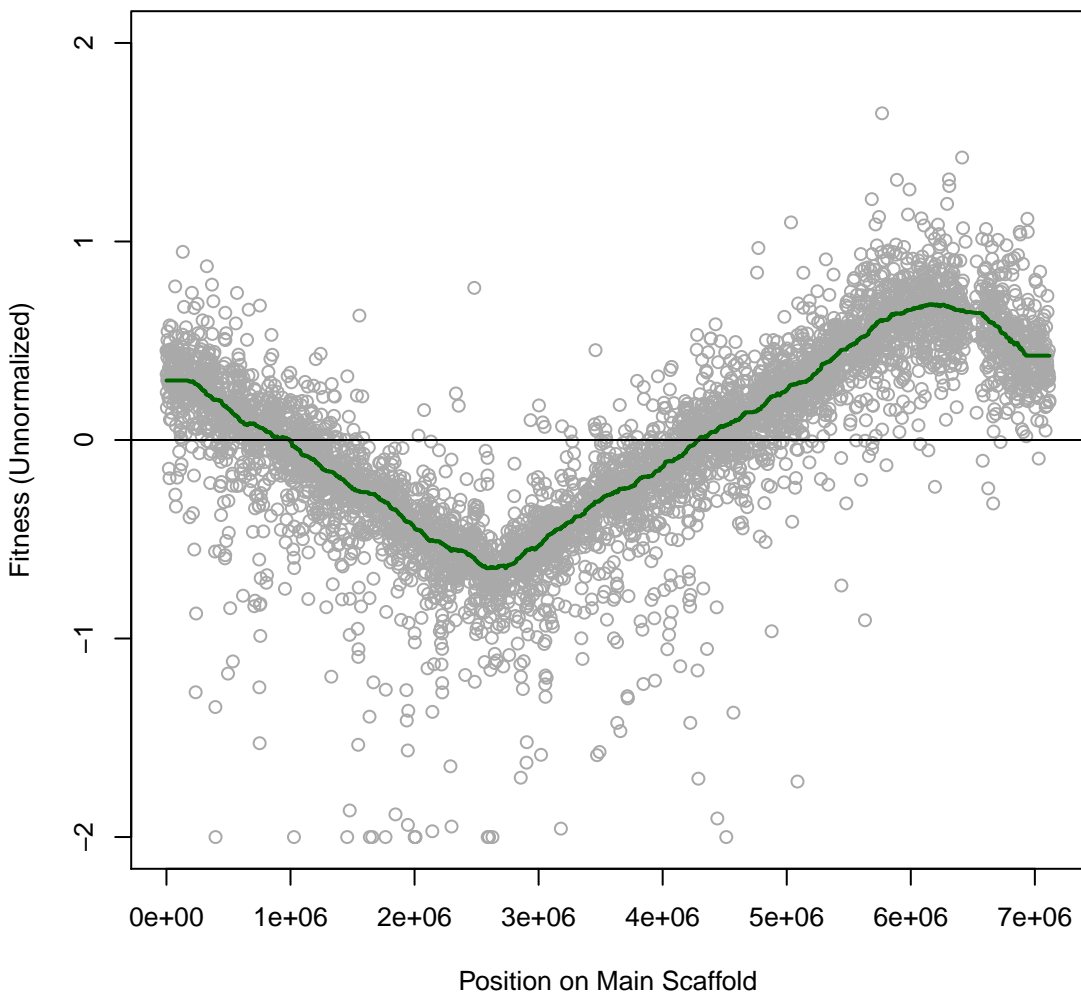
**pseudo5\_N2C3\_1 6IT074 #218 (gMed=156 rho12=0.163)**  
**LB 30C**



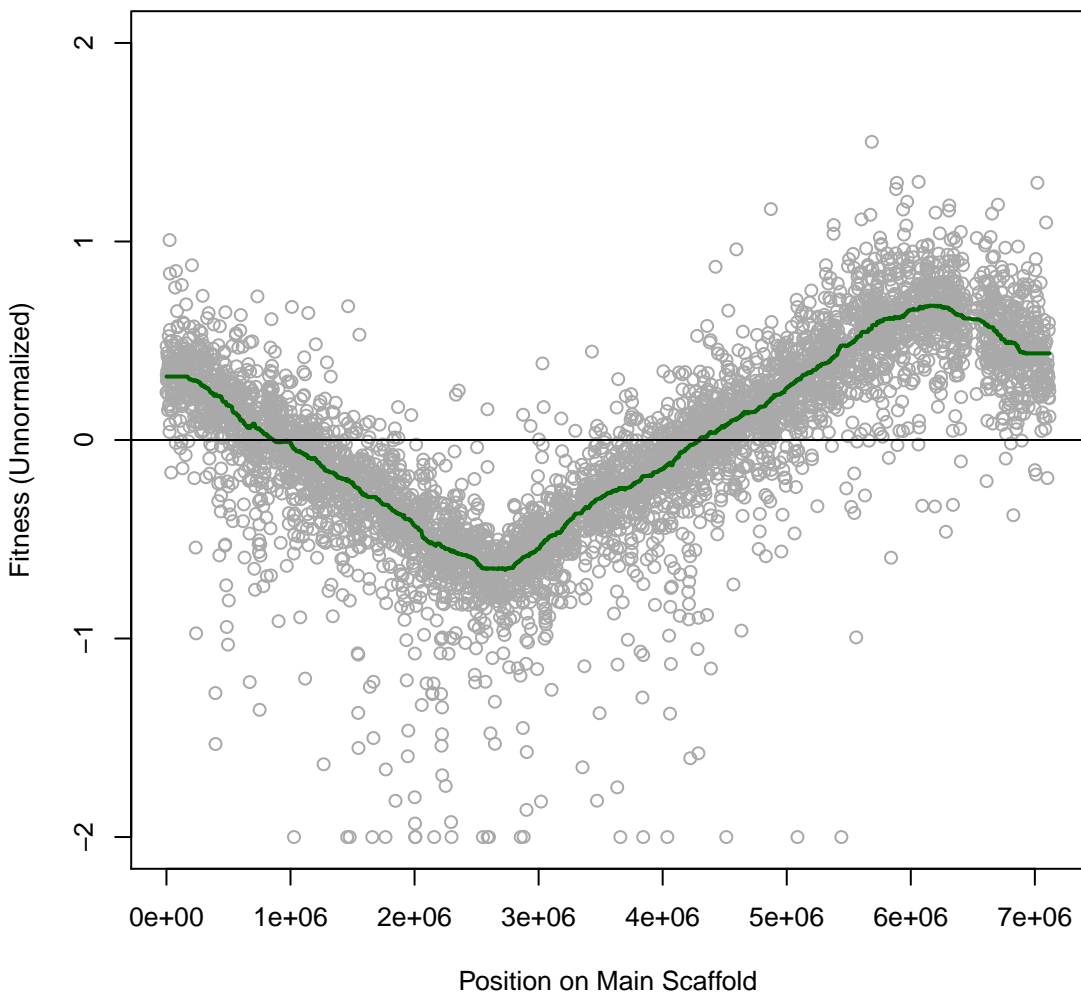
**pseudo5\_N2C3\_1 6IT075 #219 (gMed=168 rho12=0.144)**  
**LB 30C**



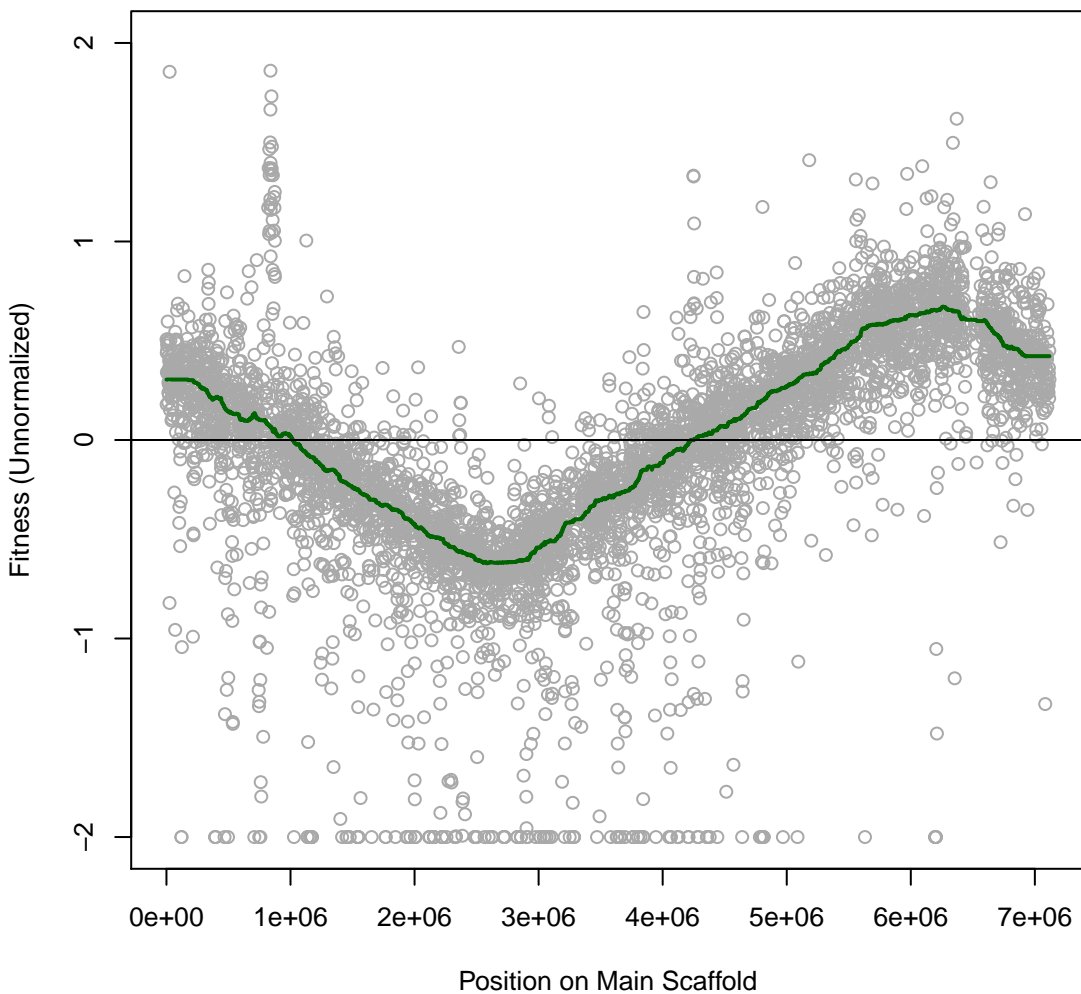
**pseudo5\_N2C3\_1 6IT076 #220 (gMed=216 rho12=0.133)**  
**LB 37C**



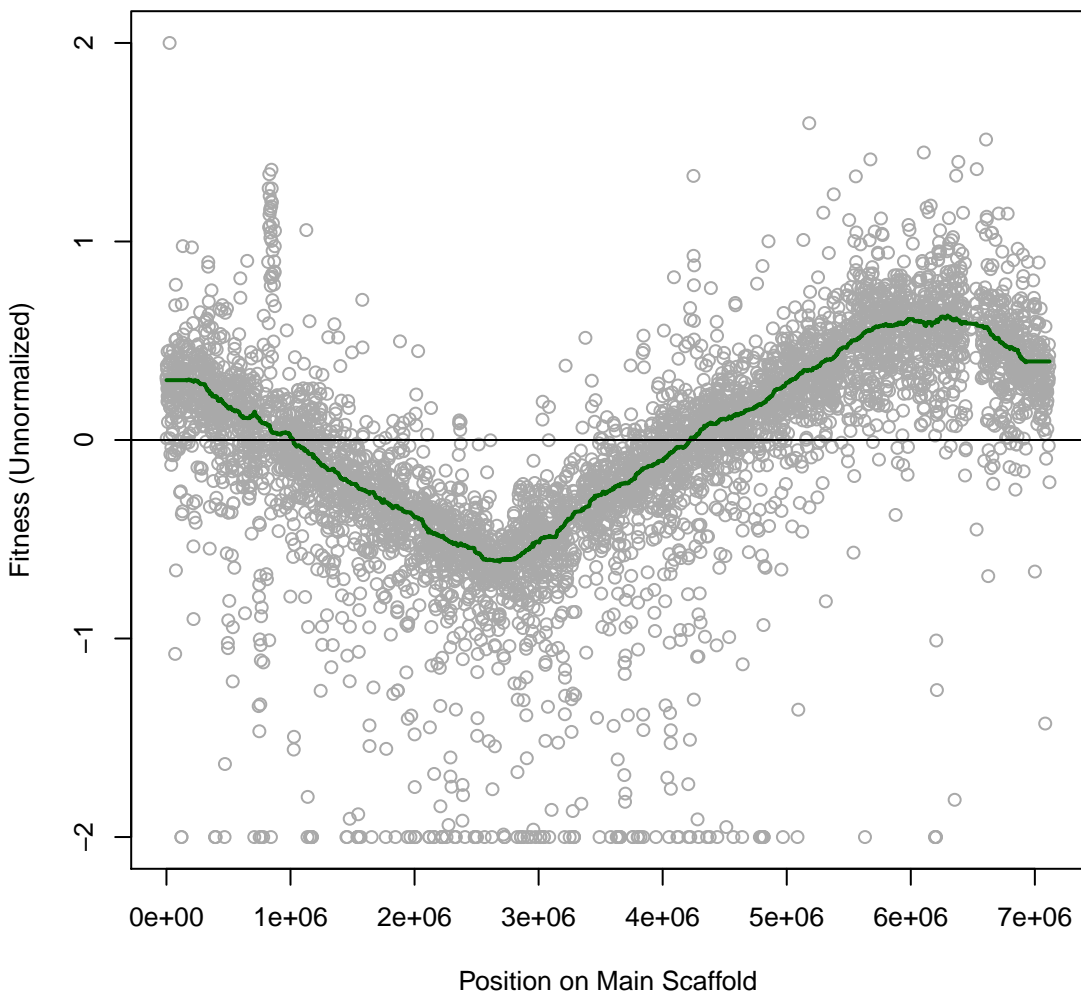
**pseudo5\_N2C3\_1 6IT077 #221 (gMed=198 rho12=0.148)**  
**LB 37C**



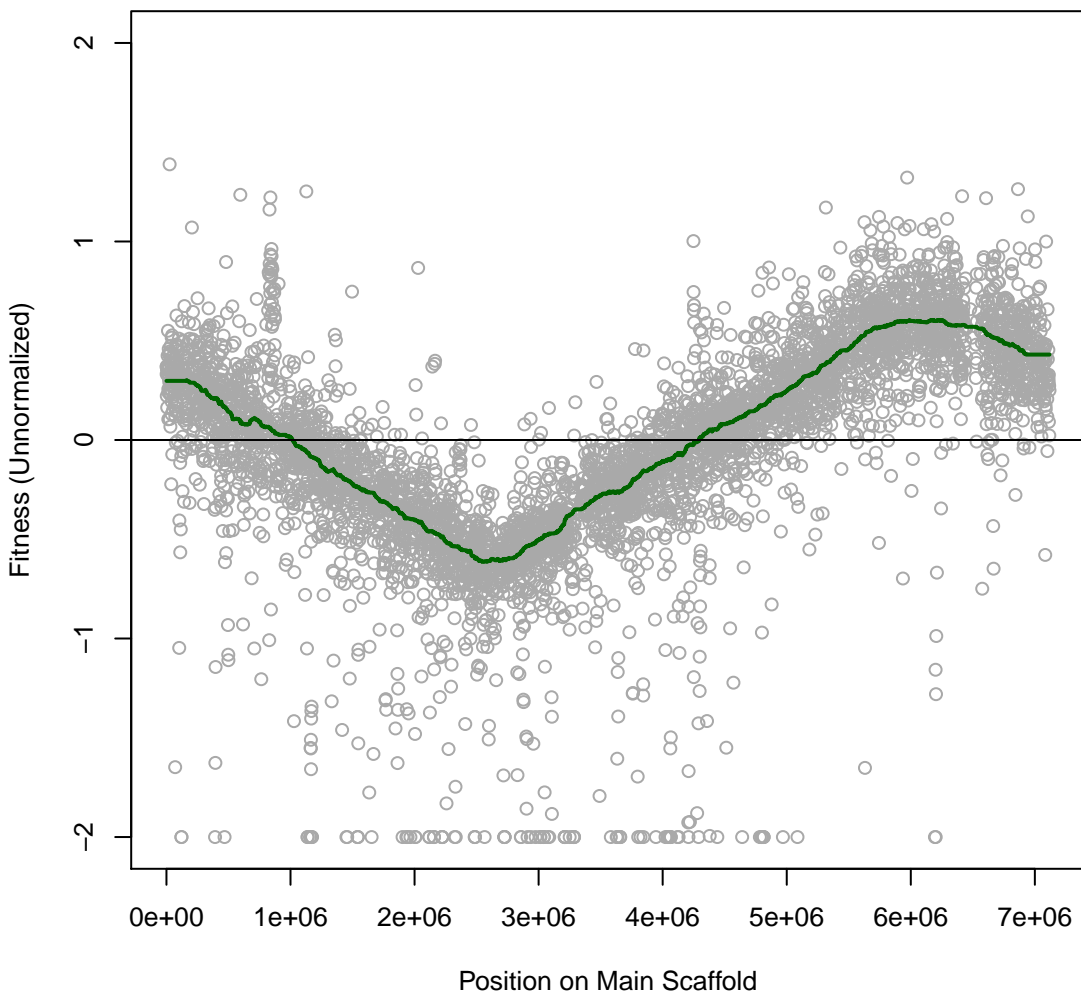
**pseudo5\_N2C3\_1 6IT078 #222 (gMed=203 rho12=0.304)**  
**Minimal media pH6**



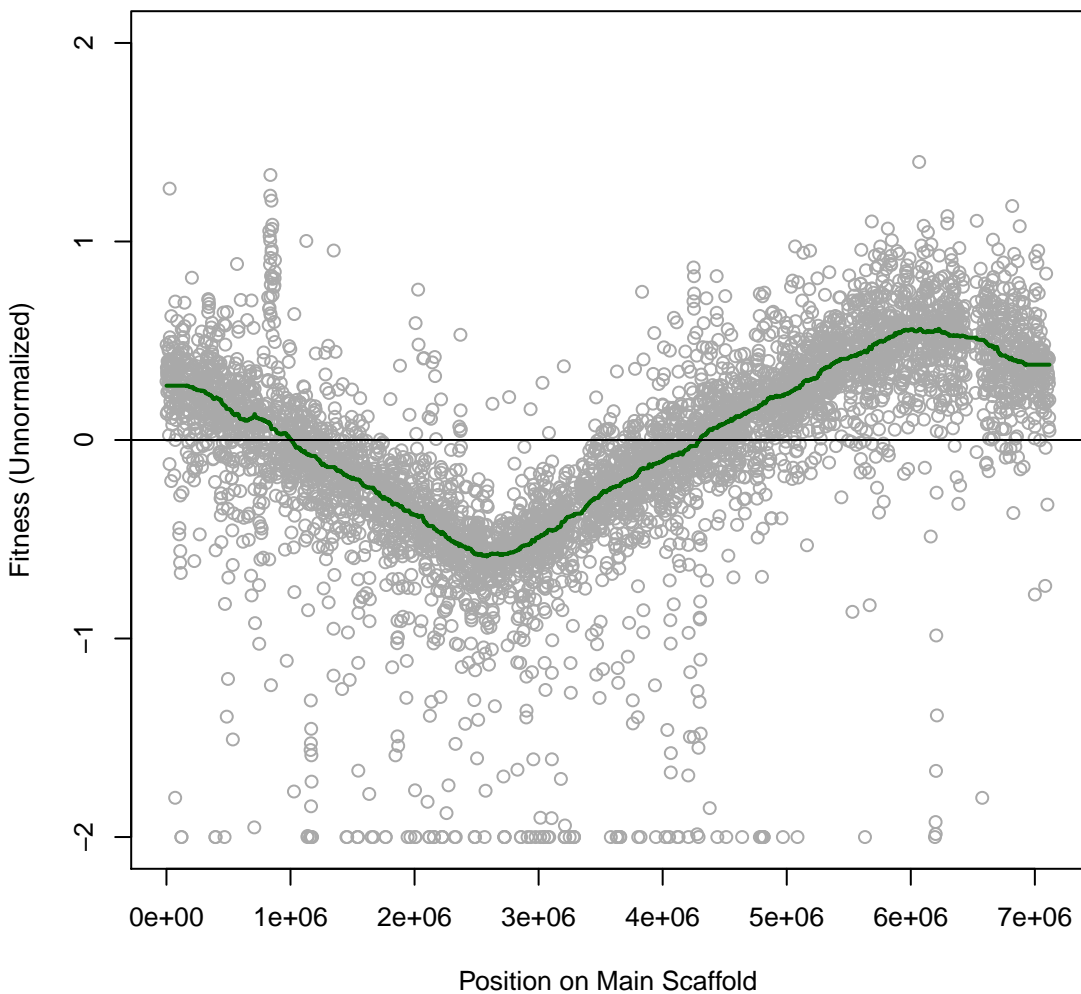
**pseudo5\_N2C3\_1 6IT079 #223 (gMed=207 rho12=0.283)**  
**Minimal media pH6**



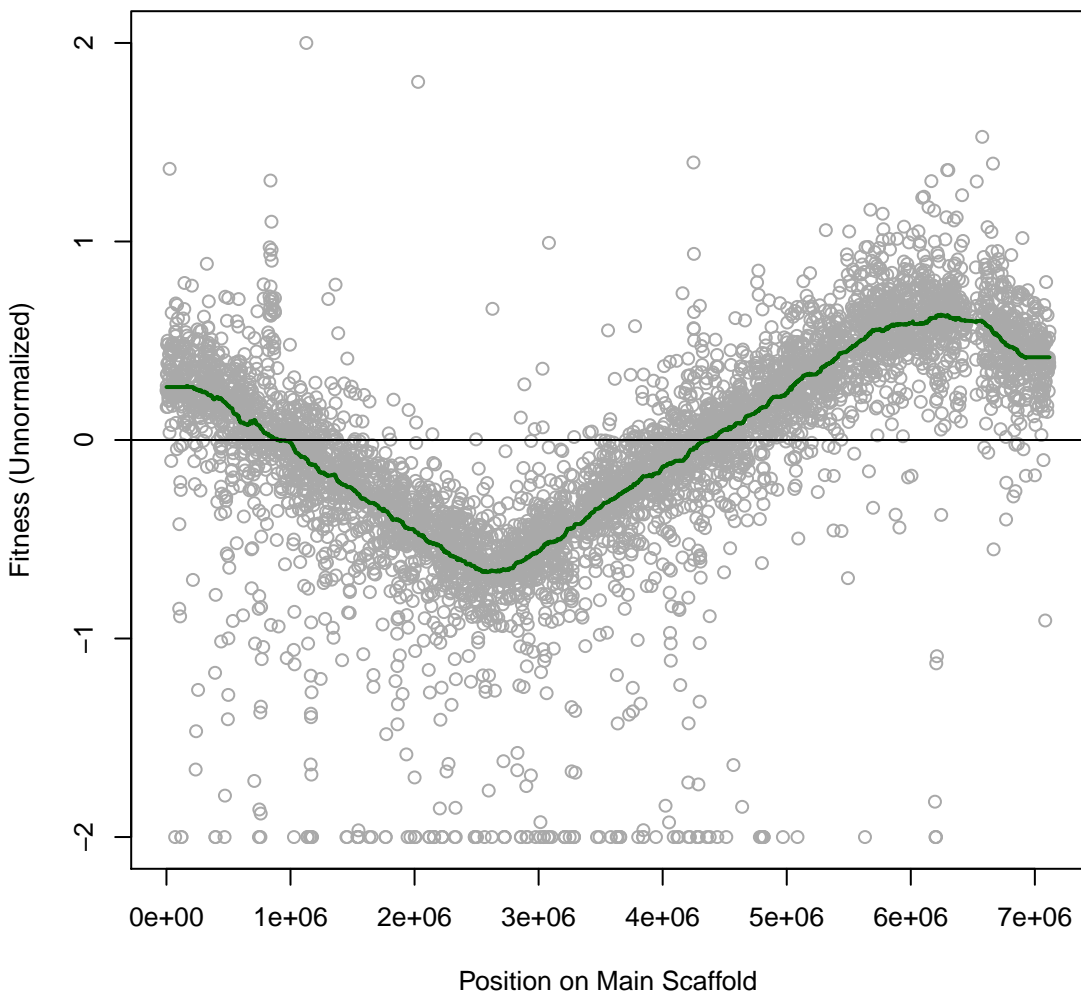
**pseudo5\_N2C3\_1 6IT080 #224 (gMed=187 rho12=0.231)**  
**Minimal media pH7**



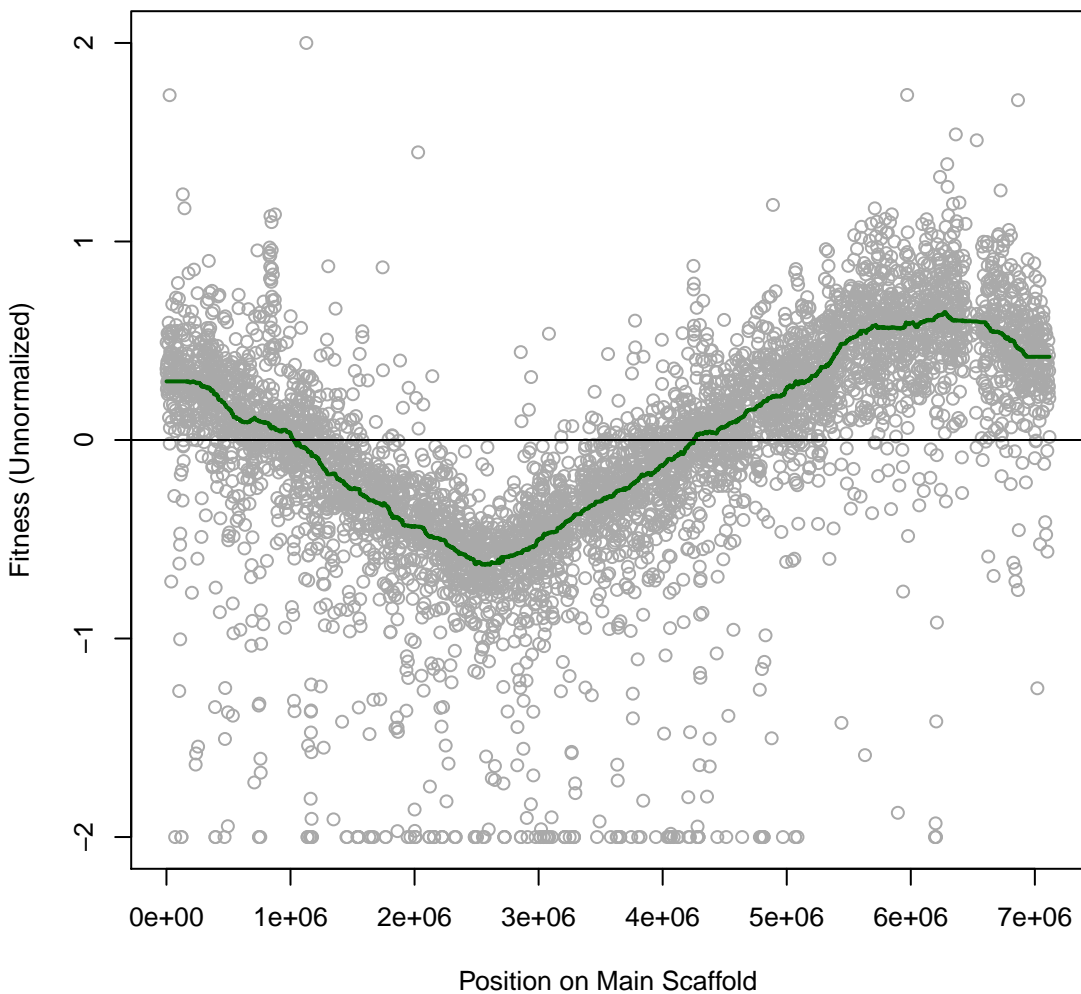
**pseudo5\_N2C3\_1 6IT081 #225 (gMed=173 rho12=0.216)**  
**Minimal media pH7**



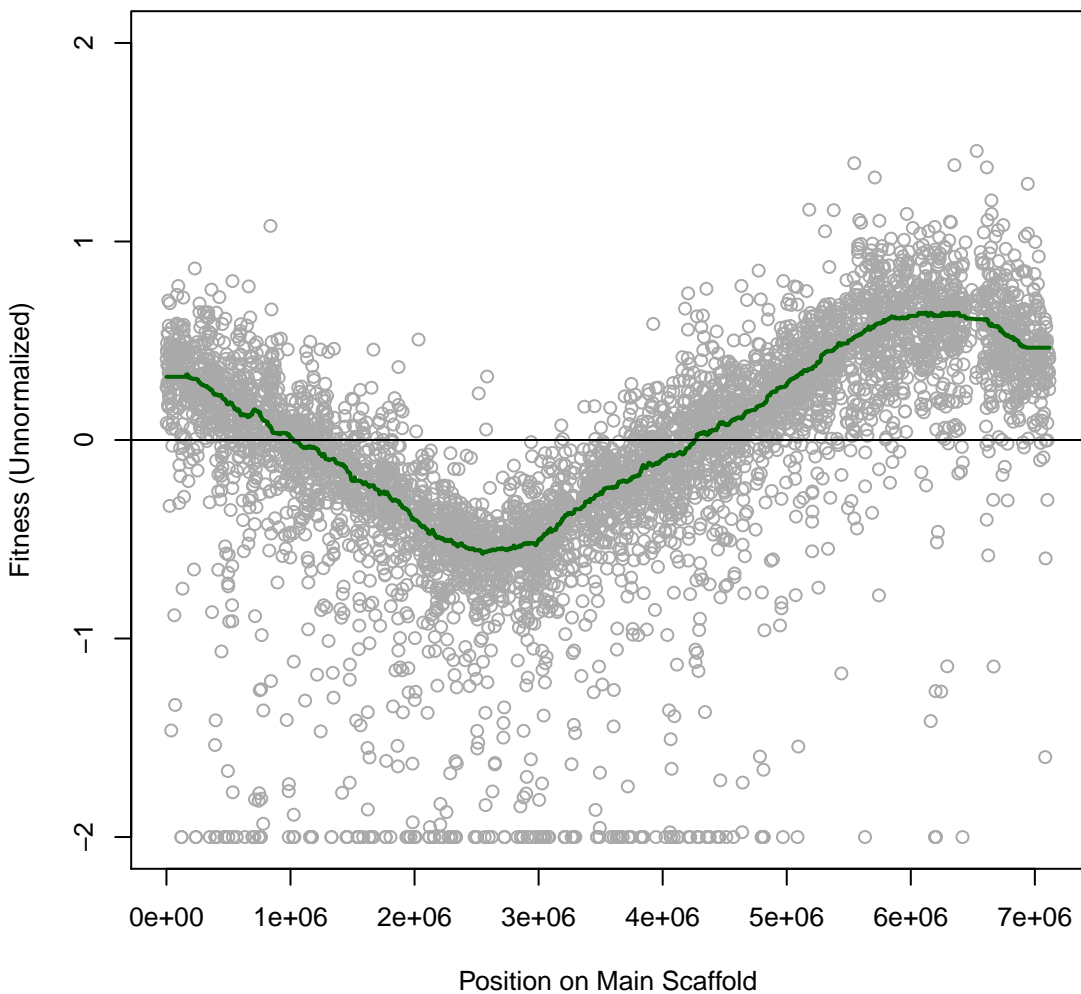
**pseudo5\_N2C3\_1 6IT082 #226 (gMed=196 rho12=0.201)**  
**Minimal media pH8**



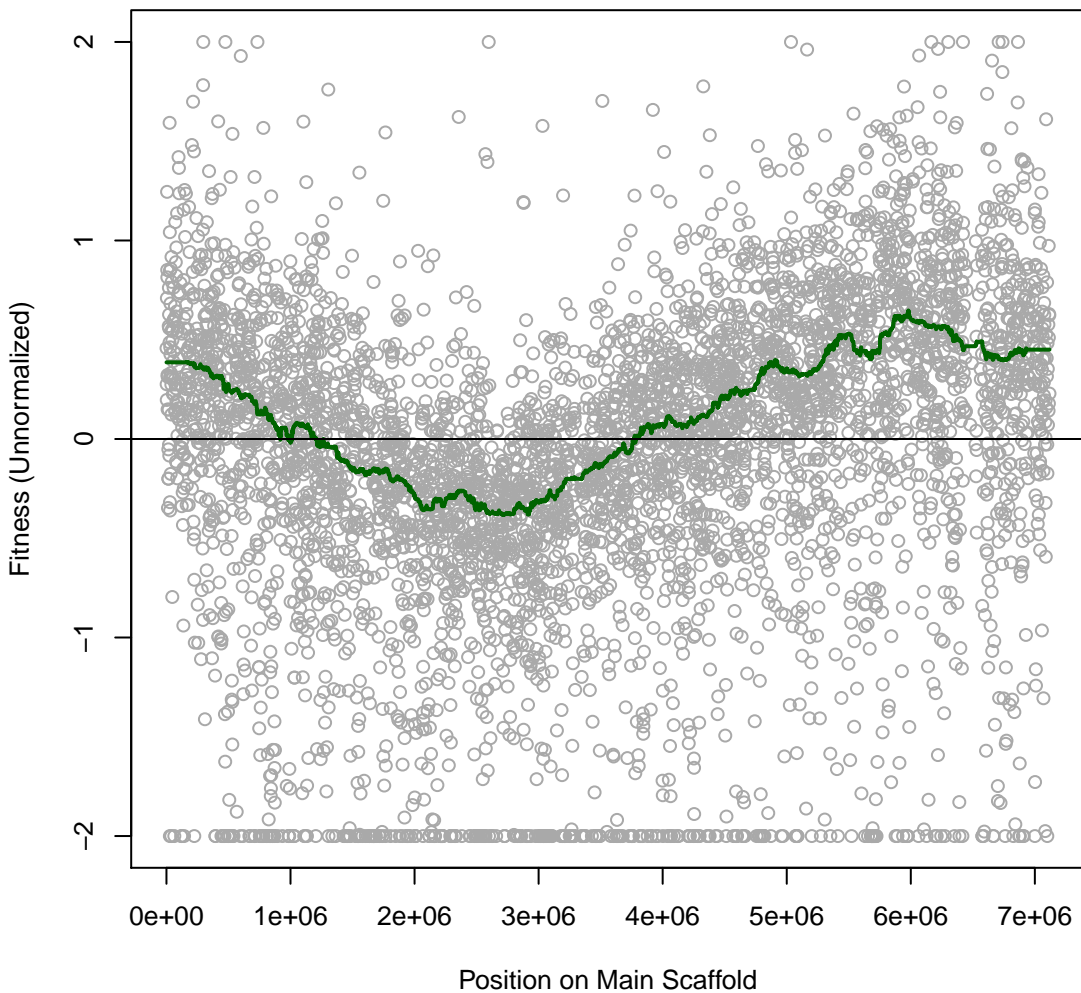
**pseudo5\_N2C3\_1 6IT083 #227 (gMed=125 rho12=0.185)**  
**Minimal media pH8**



**pseudo5\_N2C3\_1 6IT085 #229 (gMed=121 rho12=0.290)**  
**Minimal media pH9**



**pseudo5\_N2C3\_1 6IT086 #230 (gMed=79 rho12=0.193)**  
**Nitrate reduction**

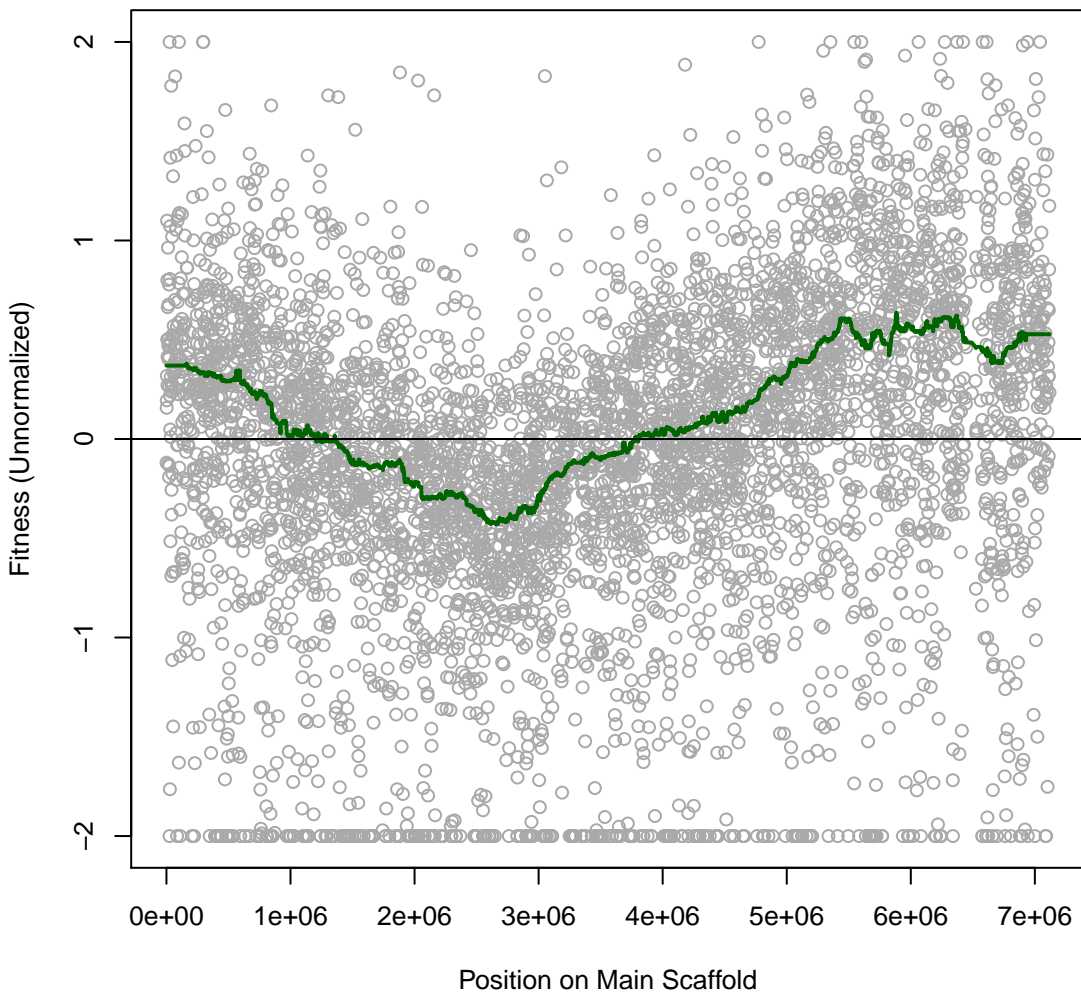


## Nitrate reduction



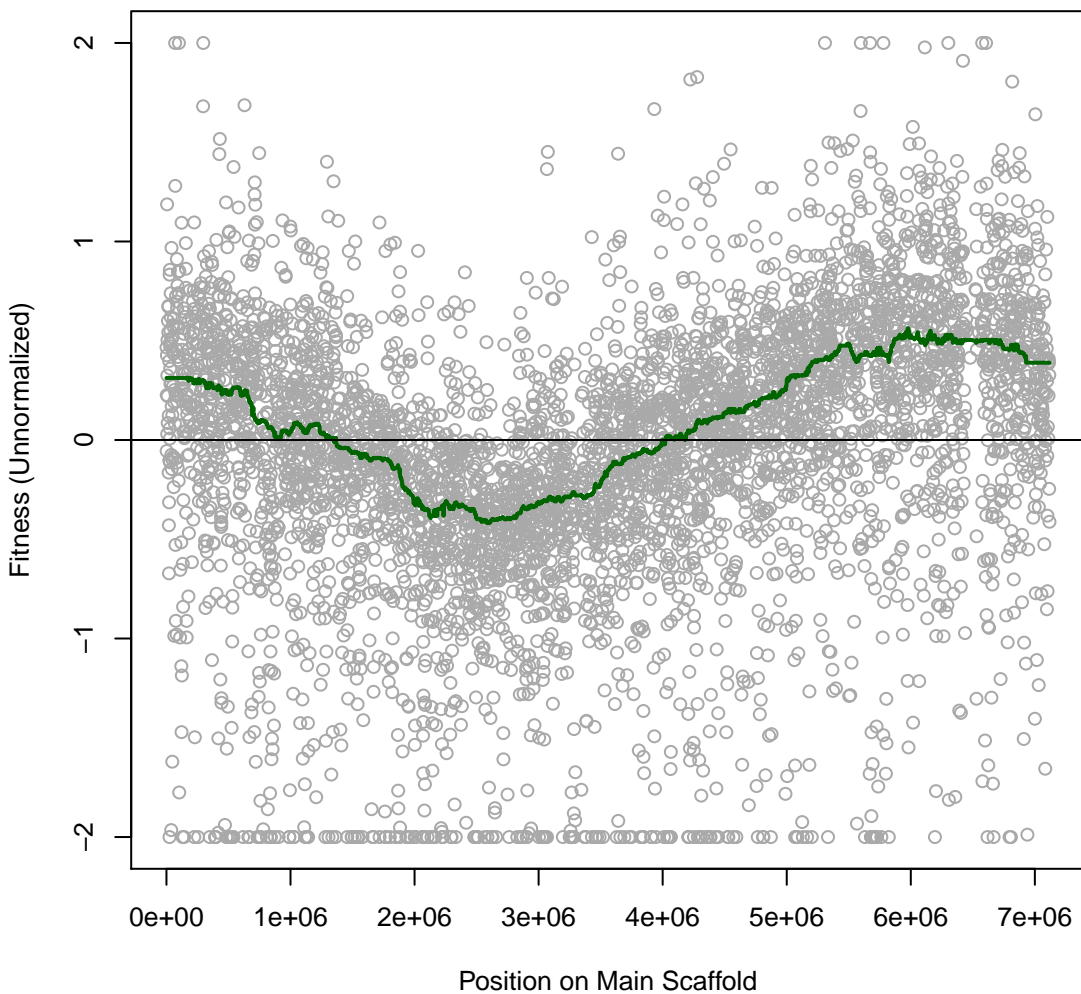
**pseudo5\_N2C3\_1 6IT088 #232 (gMed=86 rho12=0.138)**

**Nitrate reduction with yeast extract**

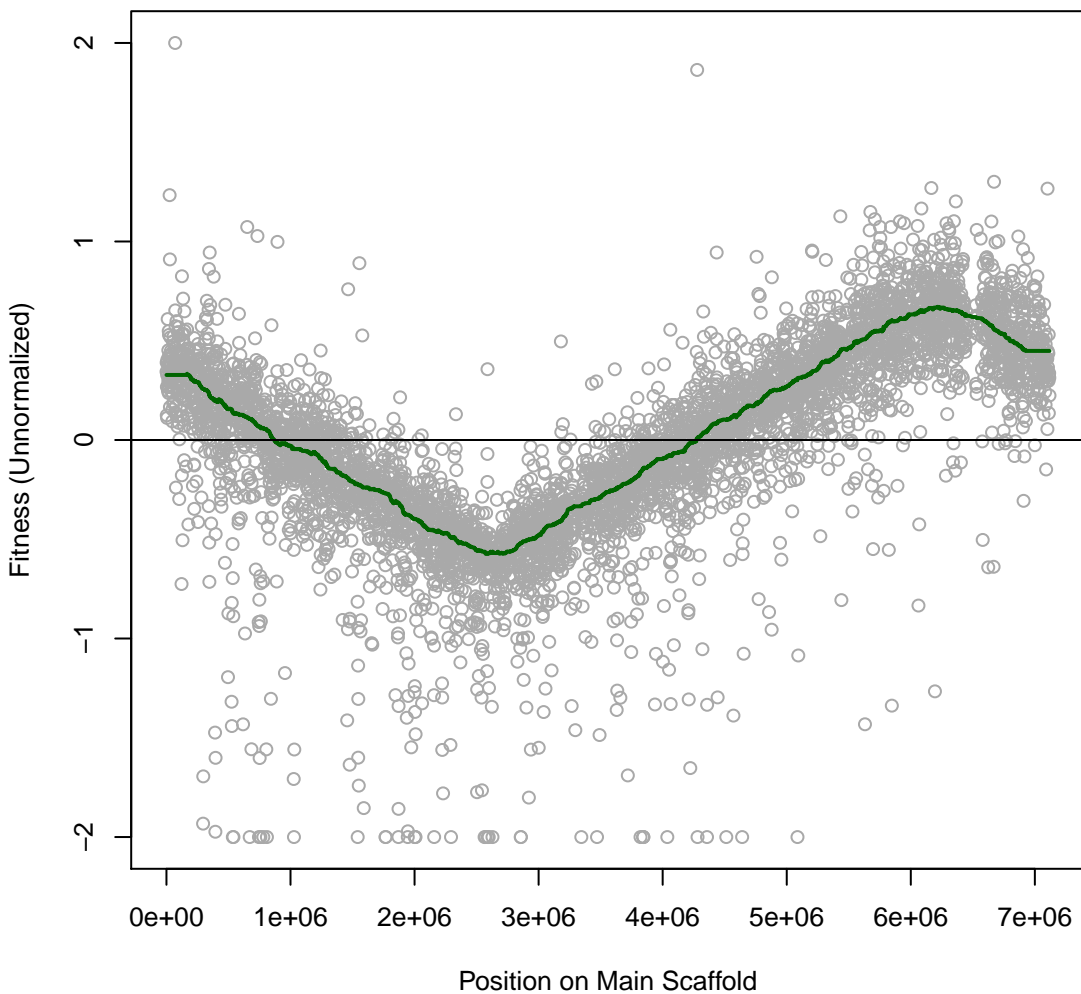


**pseudo5\_N2C3\_1 6IT089 #233 (gMed=90 rho12=0.171)**

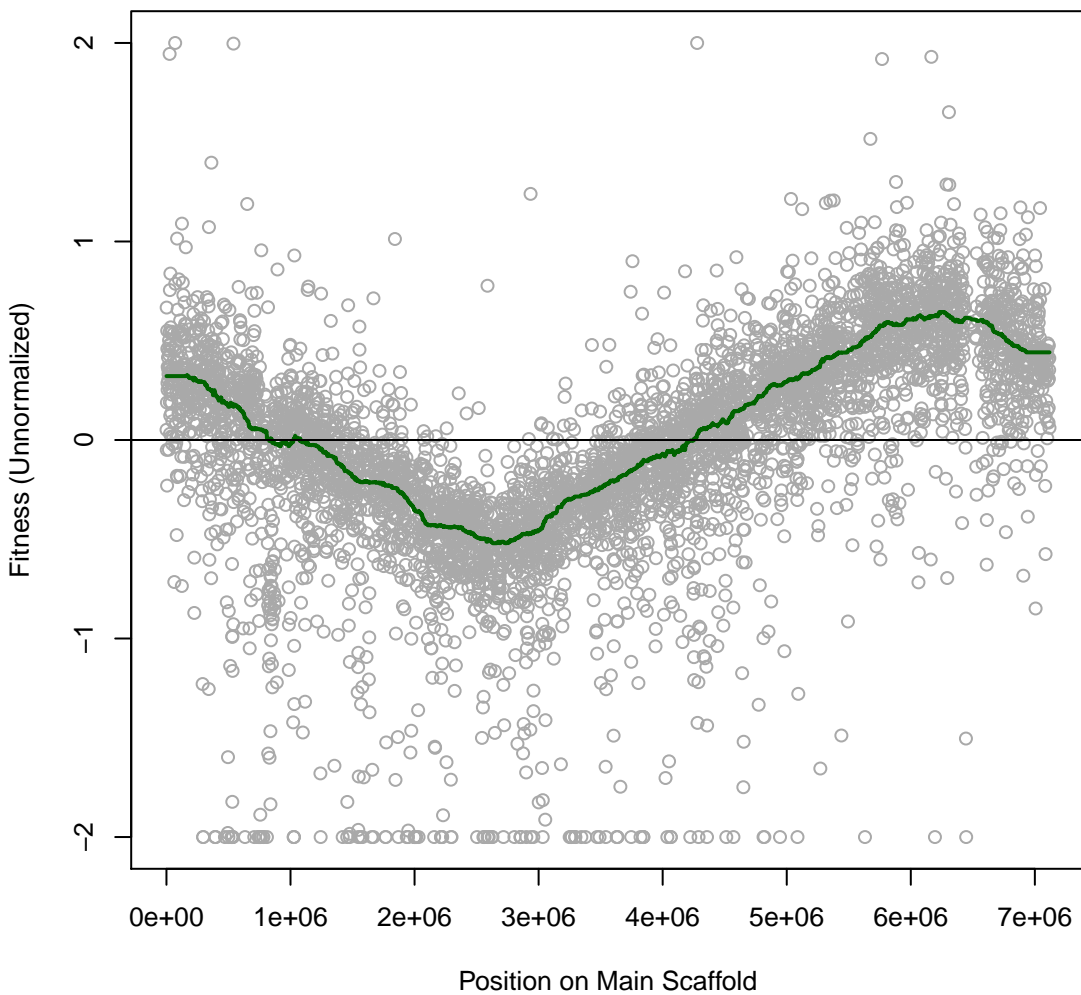
**Nitrate reduction with yeast extract**



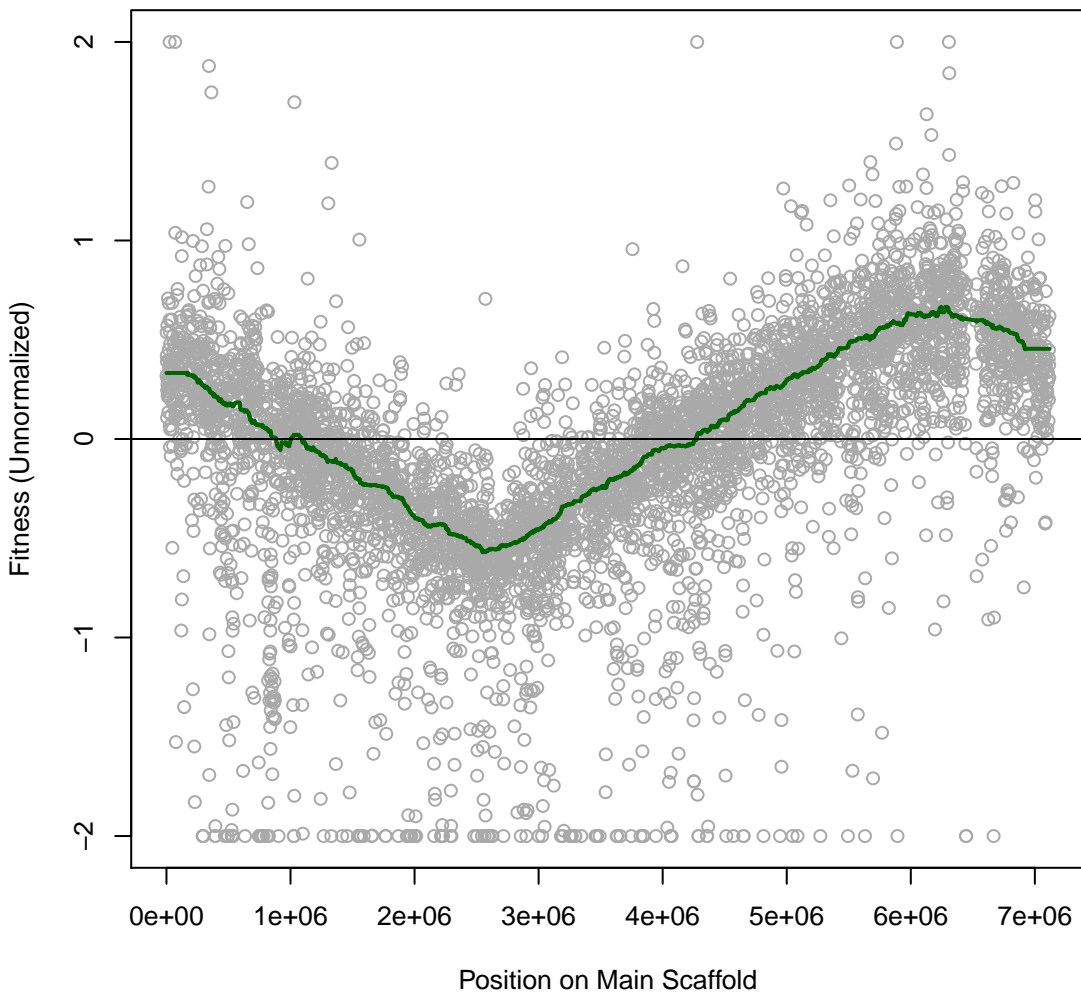
**pseudo5\_N2C3\_1 6IT090 #234 (gMed=132 rho12=0.130)**  
**4C survival; 24 hrs**



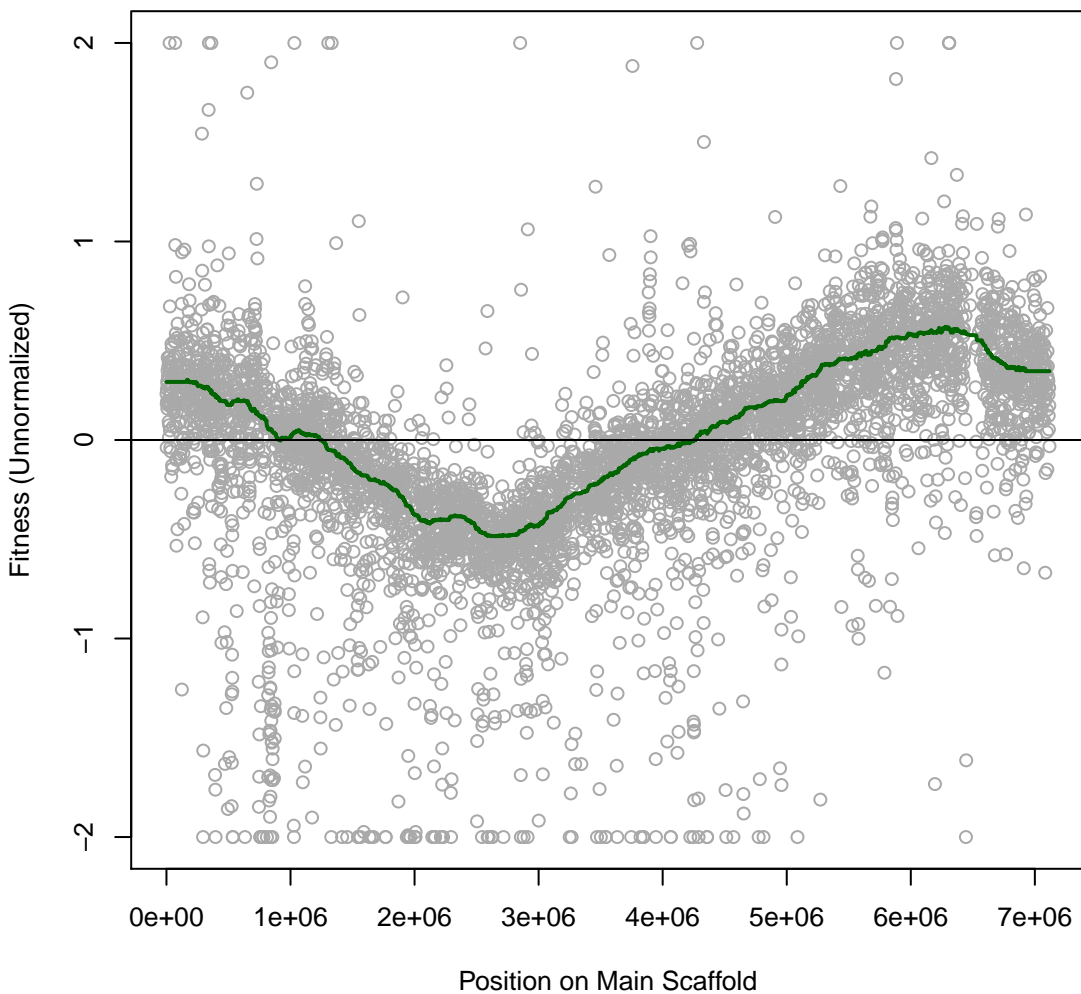
**pseudo5\_N2C3\_1 6IT091 #235 (gMed=83 rho12=0.234)**  
**4C survival; 192 hrs**



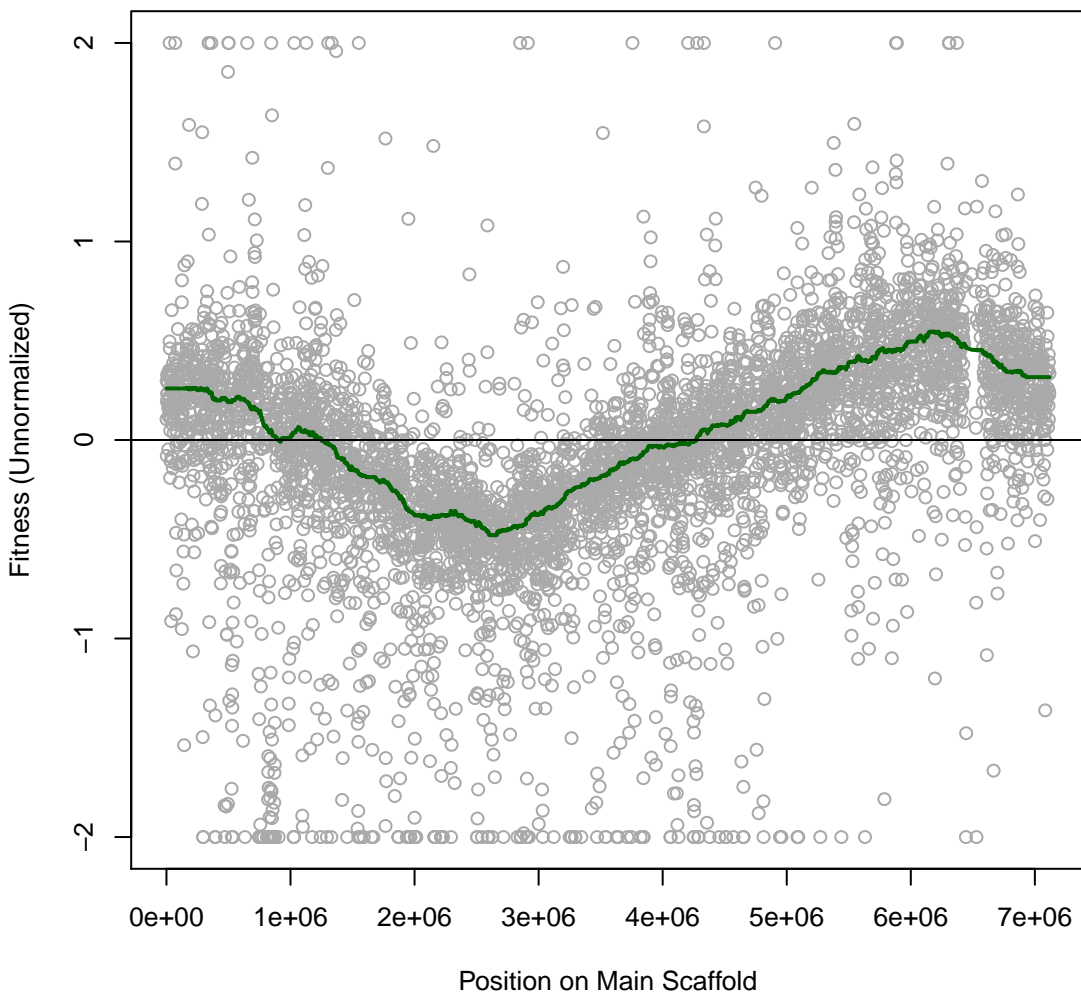
**pseudo5\_N2C3\_1 6IT092 #236 (gMed=67 rho12=0.261)**  
**4C survival; 360 hrs**



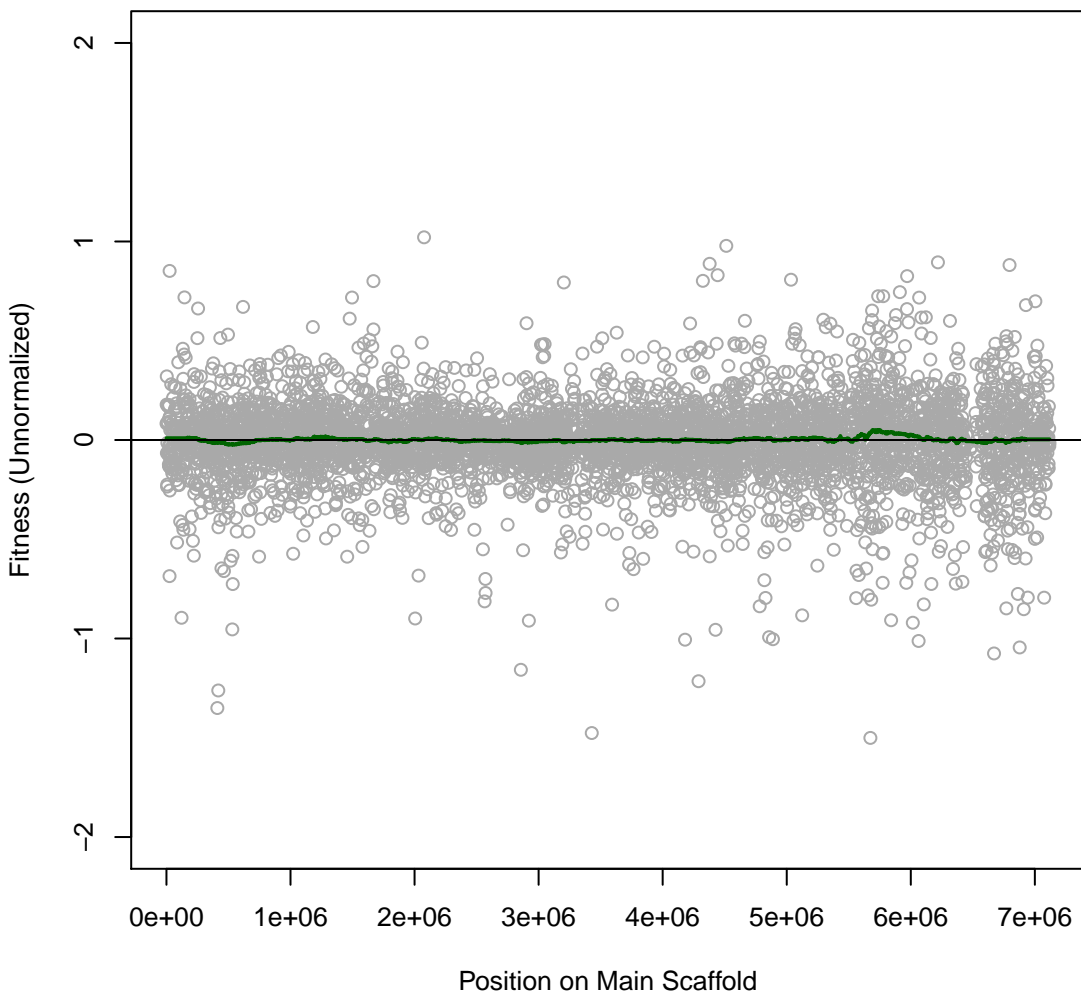
**pseudo5\_N2C3\_1 6IT093 #237 (gMed=117 rho12=0.316)**  
**4C survival; 672 hrs**



**pseudo5\_N2C3\_1 6IT094 #238 (gMed=78 rho12=0.358)**  
**4C survival; 1152 hrs**



**pseudo5\_N2C3\_1 6IT095 #239 (gMed=174 rho12=-0.020)**  
**Time0**



**pseudo5\_N2C3\_1 6IT096 #240 (gMed=166 rho12=0.013)**  
**Time0**

